

The



# CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

O. 3 2 5 1  
DL. CXXXVII

MAY 30, 1942

Annual Subscription (with  
Diary) 25/- Single Copies 9d.

## THE SYMBOL OF THE TIMES

t. George & the Dragon, the trade mark of Meggeson & Co., Ltd., symbolises our determination to maintain the Efficiency of our production, the Quality of our Products and the Consistency of our policy. We have had to sacrifice the greater part of our pre-war range of products, but rationalisation of production has resulted in reasonably adequate supplies of our three most popular lines, Meggeson Bismuth Dyspepsia Tablets, Meggezones and Vistic Denture Fixative, and every effort is being made to ensure that the output of these lines will continue without interruption.


**MEGGESON & CO. LTD., LONDON, S.E.16**

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**K**

ESTABLISHED 1870

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TELEPHONE ADVANCE 1234

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CODES. A.B.C. 6th. BENTLEY'S PRIVATE

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**ishop**

& CO. LTD.

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

**CITRIC ACID. TARTARIC ACID.**  
**CREAM OF TARTAR. ROCHELLE SALTS.**  
**CALCIUM GLUCONATE.**  
**LITHIUM CARBONATE,**  
**CHLORIDE AND HYDROXIDE.**  
QUALITY GUARANTEED

# WANTED

by the millions now  
waging war on **FEET**

—the 100% foot preparation which  
eases tired aching feet in 10 minutes

Produced to meet war conditions, Simpson Foot Ointment is wanted not as a toilet luxury but as a vital war-time necessity by the millions in factories, on parade grounds and in countless forms of war effort. Already orders are pouring in.

## Unlimited

The Board of Trade have classified this new but necessary product as a medical preparation, outside the scope of the Limitation of Supplies Order. Order freely — from your wholesaler or direct.

## 13-to-the-dozen

Packed in collapsible tubes, there's one large size only, retailing at 1/7½d plus Purchase Tax 2½d (1/10 in all). To the Trade, 14/8 per dozen (plus Purchase Tax 2/5½). 13-to-the-dozen on one order only—your initial order (minimum 1 dozen). One free display unit (dummy fixed in) with every initial order of 2 dozen or over, less your regular 10% display allowance if your order (exclusive of Purchase Tax) totals £3 or over (5% over £1 and under £3). And there's a further 10% for cash with order. All orders £1 and over carriage paid. Immediate delivery guaranteed only if your order is received by return.

**44%**  
Profit

**Simpson**  
MEDICATED

# FOOT OINTMENT

W. SIMPSON (CHEMIST) LTD., IODINE HOUSE, MUSEUM STREET, LONDON, W.C.1





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# Announcement by TOKALON Ltd.

---

OUR Factory and Office staff has been reduced to 23% of its pre-war number. War needs come first and we submit to this compulsory reduction with good grace.

In consequence, we are unable to supply direct all our old Retail customers as regularly as we would like. The bulk of our production is being supplied in direct loads to wholesalers, area by area as production and transport permit. This is an economical form of distribution, and we appreciate the generous way wholesalers are distributing to retailers the supplies received from us.

As and when we can, direct retail buyers will receive a standard parcel, and already this year 1400 such parcels to small dealers have been or are in course of being despatched.

All manufacturers of Class 16 goods have sales restrictions. Few have suffered a reduction of 77% of staff as we have.

We hope the many old and valued customers, whose business we appreciated and whose goodwill we value, will bear with us in our difficulties. To satisfy 100% of our customers with only 23% of our staff available is a physical impossibility.

We are doing our best to have supplies of Tokalon products available in as many districts as possible, and we feel sure retailers will find wholesalers who receive supplies from us willing to help them to the best of their ability.

---



# PRESERVATION OF FOODSTUFFS FROM RODENTS IN WARTIME

## LIVERPOOL VIRUS

*is now available*

Adequate supplies of Liverpool Virus are now available at prices which remain at their pre-war level, free of purchase tax. All orders (which chemists are asked to limit to their current requirements) will be dealt with promptly.

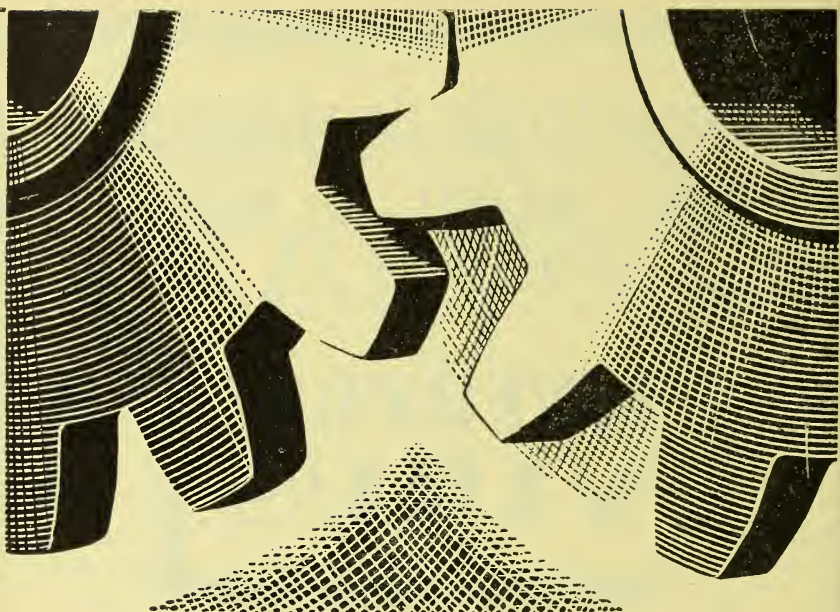
Size for  
**MICE**        "        "        **1/6**    Retail **13/-**    per doz.

Size for  
**RATS**        "        "        **2/6**        "        **21/6**        "        "

& mice

*This product is not subject to purchase tax.*

**EVANS   SONS   LESCHER   &   WEBB   LTD.**



## Working Together

If ever there was a time when we should help one another, it is now.

The National Cash Register Company, like all others, has been vitally affected by war-time conditions, and our staff of skilled technicians has been considerably depleted.

New machines are scarce, and those used for essential work have a priority claim on our Servicing facilities.

By saving time and labour

National Cash Registers are helping in the war effort. Therefore arrangements have been made so far as is possible to service Nationals wherever they may be.

Possessors of National Cash Register ticket issuing machines are particularly fortunate. Are yours working to full efficiency? They save paper — they protect you and your customer with proof of purchase in these “no-wrapping” days.



The National Cash Register Company Ltd.

# EUCRYL

## DENTIFRICES



BOUGHT ON DISPLAY TERMS YIELD  
PROFIT ON:—

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**39%**

**63.6%**

Eucryl Tooth Paste has an increasing Sale.

**EUCRYL LTD.**  
**SOUTHAMPTON**

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## BURNS AND GAS CASUALTIES

(A treatment with new advantages)

**1. BURNS.** The method of treating burns by application of a paste containing Albucid soluble is described in the British Medical Journal of March 29, 1941. This method has certain definite advantages over both tannic acid treatment and saline baths.

- (1) Easy and Painless Applications.
- (2) The paste is soothing and promotes healing.
- (3) It reduces pain and œdema.
- (4) Infection is kept well under control.
- (5) Free movement is not restricted.
- (6) A clean and healthy granulating sur-

face is obtained suitable for the reception of skin grafts if required.

**2. MUSTARD GAS — Lesions of the Eye.** The use of a 2.5% Albucid Solution and Albucid Ointment 2.5% has been recommended. The 2.5% solution may be prepared from 5 cc. ampoules of 30% solution (boxes of 5 ampoules).

Supplies of Albucid are assured, as like the other Schering products it is now manufactured and distributed in this country by an entirely British Organisation.

## ALBUCID

(The New Detoxicated Sulphacetamide)

PRODUCT OF

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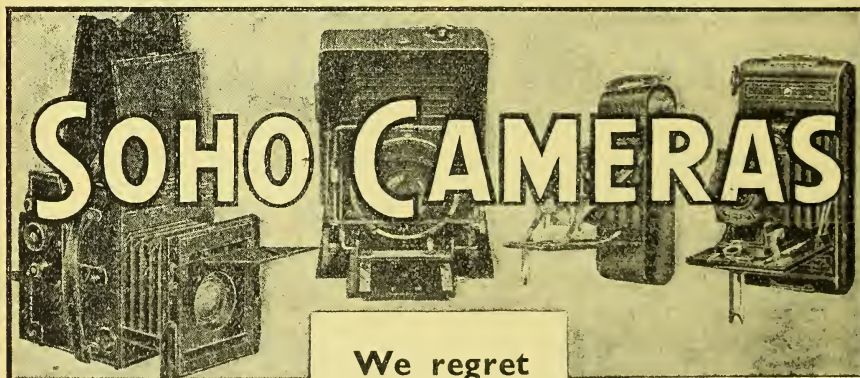
BRITISH SCHERING LIMITED, 189-190 HIGH HOLBORN, LONDON, W.C.1

ASSOCIATED COMPANIES: British Schering Research Laboratories Ltd., Alderley Edge, Cheshire.  
British Schering Manufacturing Laboratories Ltd., Pendleton, Lancs.



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**SOHO CAMERAS**

**We regret**

that it is not possible to offer supplies of Soho Cameras, which range from the world's best "Soho Reflex" to the latest and most popular folding pocket camera, the "Soho Myna."

Our plans for post-war trade embrace a range of new Soho models which will show big advances on the famous Soho Cameras of the past, and a complete service of accessories.

**SOHO LTD., COLHAM MILL ROAD, WEST DRAYTON, MIDDLESEX**  
(Branch of A. Kershaw & Sons, Ltd.)

THE high standard of advertising which characterises Rendell's Products is in keeping with their excellence of manufacture. The pharmacist who displays Rendell's Products increases prestige and turnover alike. Keep ample stocks of Nurse Drew's Booklet, "Hygiene for Women," which thousands of women are demanding daily.

*Rendell's*  
**PRODUCTS**  
 FOR FEMININE HYGIENE

W. J. RENDELL LTD. HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1



# TABLETS

## & PILLS

Manufactured under  
the control of  
Qualified  
Chemists



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ARTHUR H.  
**COX**  
& CO. LTD. BRIGHTON

ESTABLISHED 1839



*Medicine  
comes first*

WE have been compelled by circumstances to decline substantial business which has offered itself in bottles and jars for toilet preparations and other products which can scarcely be regarded as essential.

THIS policy enables us to meet, to the greatest possible extent, the requirements of our regular customers in bottles for medicines and pharmaceutical purposes. Even here, in common with other glass manufacturers, we are finding it difficult to keep pace with the vastly increased wartime demand.

A FAIR apportionment of our output is the goal we have set ourselves, and we ask our friends to accept our assurance that we are, as always, mindful of their needs, and are giving the best service which lies in our power, bearing in mind that priority must be given to government and export supplies.

**BEATSON CLARK  
& CO. LTD.**

*Manufacturers of Chemical  
and Medical Glass*

**ROTHERHAM, YORKSHIRE**

*Established 1751*



**YOU MUST  
GET ME BACK!**



The country's shortage of metal makes the collection of all old metal tubes vital to the national effort.

## **YOUR HELP IS ESSENTIAL!**

### **Do these 4 things :—**

- (1) Every time you sell any tube product, ask the customer to return the old tube.
- (2) Place any handy container (e.g. glass jar, cardboard box, etc.) on your counter, in which customers can deposit their empty tubes.
- (3) Fix to the container the Show Card which has already been sent to you.
- (4) Display the Show Bill in your window.

Issued by  
**THE DENTIFRICE MANUFACTURERS  
OF GREAT BRITAIN.**

(Dentifrice Manufacturers Section, London Chamber of Commerce, 69, Cannon Street, London, E.C.4.)

*Collections from  
retailers will be  
made at intervals  
of 3 to 4 weeks*

**ALL PROCEEDS WILL  
GO TO THE  
RED CROSS  
& ST. JOHN  
FUND**

# SPECIAL OFFER TO RETAILER

## LARGE SIZE TUBES OF . . .

# TOOTHOL

## Tooth Paste

Manufactured by the well-known SHAVEX ZEE-KOL CO. LT

Large or small orders are invited. Ample stocks available. Price to bona fide  
retailers 6/- per doz. plus 3/- per doz. Purchase Tax. APPLY :

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THE  
"MATER"  
CLINICAL REGD.  
The position of the Mercury column is at once  
perfectly plain. Red markings above 100°

**ALL TYPES OF  
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AND OTHER  
THERMOMETERS**

**PERKEN, SON  
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(ESTABLISHED 1852)  
Price List on Application:  
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Telegrams: "Optimus, Smith, London"

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DYER STREET, MANCHESTER. (Est. 182



ZINC OXIDE and RUBBER ADHESIVE PLAISTER  
ON SPOOLS  
POROUS PLAISTERS. ELASTIC PLAISTER  
BANDAGES  
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS"  
CORN COMFORT, Etc.



## THE HOUSE OF MAW



*Efficiently at  
your service!*

S. MAW, SON & SONS, LTD.,  
ALDERSGATE HOUSE, NEW BARNET, HERTS.

TELEPHONE — BARNET 5555.

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THE LONDON RUBBER COMPANY  
NORTH CIRCULAR ROAD, CHINGFORD  
LONDON, E.4

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Hoe Street, Walthamstow, E.17.

Hall Lane, Chingford, E.4.  
Whitby Avenue, Park Royal, N.W.10.

QTA/33.

# "SURCO"

RELIABLE

## ELASTIC HOSIERY

SEAMED AND SEAMLESS

For special garments to measure  
we give the best possible service

### SURGICAL BELTS TRUSSES AND SUNDRIES

50 years' service of  
everything Surgical

### SURGICAL HOSIERY CO. LTD.

Russell Street - NOTTINGHAM

Telephone No.75903 Telegrams: Surgical Nottm.

# ZEAL

## Clinicals

The Choice  
of Experts

BRITISH  
MADE

NO HIGHER  
IN PRICE THAN  
NONDESCRIPT  
MAKES

Also Household, Bath  
and Works Thermometers,  
the best of their kind

### G. H. ZEAL LTD.

LOMBARD RD., MORDEN RD.,  
LONDON, S.W.19

Phone : Liberty 2283-4-5



# FOOTING THE BILL

"Production must be doubled!" says the Minister of Supply.  
"We must deliver the goods!" urges Lord Beaverbrook.

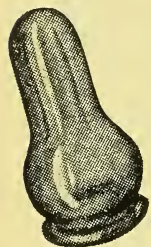
It may seem a long way from political issues, but, in actual fact, the fulfilment of Britain's promises depends not a little on whether the workers' feet can 'stand up to' the strain.

Nothing produces more fatigue, general ill-health and mental exhaustion than feet in bad condition. Both Government and industrial authorities are making the workers conscious of the need for more foot care. Scholl advertising, too, is teaching people to go in for expert treatment, and creating an increasing number of confirmed Scholl users.

To take up Scholl Foot Aids and Appliances at this juncture is therefore not only most profitable—but a real contribution to the war effort. By stocking and displaying Scholl's, you can do excellent business in replacements and renewals, as well as making many grateful new customers and good war workers.

There is little need for us to urge the efficiency of Scholl Foot Aids and Appliances. That is a matter of long standing.

Get in touch with us—and let us help you create a lively source of revenue as well as help Britain "foot the bill!"



# The L.P.L. Feeding Bottle Teats and valves produced from pure Latex



They are:

- ★ TRANSPARENT ★ STRONG
- ★ DURABLE ★ TASTELESS
- ★ ODOURLESS

Each Teat is examined and sterilised before packing in cellophane envelope. Obtainable from all wholesalers.

Manufactured by

**LONDON PHARMACEUTICAL LABORATORIES LTD**

37 Bedford Square, London, W.C.1

## Continuous and Steadily Advertised Goods FOR DESTROYING RATS AND MICE

### DANYSZ VIRUS

Retail Price (Protected) Net Wholesale Price  
Virus for Rats and Mice, single tube, 2/- 15/- per doz.

3 tubes, 5/-

Virus for Mice only single tube, 1/6 9/-

3 tubes, 3/-

Date-expired tubes returned to us postage paid will be exchanged free of charge.

### Danzysz Virus in Liquid Form

Retail Price Wholesale Price

Bottles 6/- each .. .. 4/6 each

" 4/6 " .. .. 3/9 "

### HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25% Monthly Account, or  
33 1/3% Cash with Order.

	Retail	Monthly A/c	Cash with Order
1/2 gall. tins	10/-	7/6	6/8
1 " "	18/-	13/6	12/-
5 " "	80/-	60/-	53/4

### DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, etc.

Retail Prices (Protected) Wholesale Prices

In cartons 9d. each .. .. 6/9 per doz.

" 1/6 " .. .. 13/6

" 3/- " .. .. 27/-

Danzo Beetle Powder will not deteriorate by keeping.

### CARRIAGE PAID ON ALL ORDERS

To be obtained from

**HALLER LABORATORIES, LTD.**

325 Borough High Street, LONDON, S.E.1

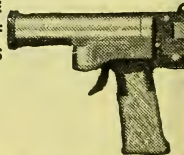
Telegrams: "Virudana, Sedist, London." Telephone: Hop. 2717

## FOR EASY AND SAFE DESTRUCTION OF CATS AND DOGS

Use The

**CASH**  
CAPTIVE BOLT PISTOL

Gives instantaneous unconsciousness—Safe, simple, clean, economical—and suitable for any sized animal. Recommended and used by the R.S.P.C.A.



**Accles & Shelvok**  
Limited  
ASTON - BIRMINGHAM

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By C. G. Lyons, M.A., Ph.D.

This book approaches the teaching of pharmaceutical chemistry systematically and scientifically, and can be thoroughly recommended to every student for either the Qualifying or Preliminary Scientific examinations.

Price 15/7 post free from

**THE CHEMIST & DRUGGIST**  
THE PITMAN PRESS, BATH



# WAR-TIME MARKET NEWS

summarising war-time opportunities, special notices, new packaging and new products

**TYNE TRUCK & TROLLEY**  
CO. LTD.

*Hand Trucks  
of every  
Description*

66-68  
NORTHUMBERLAND ST.  
NEWCASTLE  
UPON TYNE.



## KLENZA DENTURE POWDER

in its war-time pack  
is now available  
in any reasonable quantity.

1/3 retail. 8/- dozen.

**JOHN KNOX (STOKE-ON-TRENT) Ltd.**  
Cannon Street, Hanley  
STOKE-ON-TRENT

ESTABLISHED ALMOST HALF CENTURY

Sole Proprietors: "BEATALLS"  
MERTHYR TYDFIL

Grams.: Beatall, Merthyr Tel.: 265 Merthyr

'VERIBEST' EXTRA STRONG LIFEBOUY  
QUININE PEASARIES

In boxes of 12. 11/6 dozen boxes

" " " 6. 6/- " "

'BIRLOIDS' BRAND LIGHTNING  
CONTRACEPTIVE FOAM TABLETS

In tubes of 12. 14/6 dozen tubes

LATEX F.B. TEATS CHERRY 12/6 gross

## As from July 1st FORMULA LABELS

will be compulsory  
for Proprietary Medicines

★ Send your orders for quick  
and expert attention to

*The Label Specialists*

**WILLIAM SESSIONS LTD.**  
**THE EBOR PRESS, YORK**

Telephone: 3326 Telegrams: Sessions 3326 York

## HALMAGON

SUPPLIES OF THE

## FOUR-TUBE PACK

NOW AVAILABLE

from

**ALL WHOLESALERS**

**TONICITY LABORATORIES, LTD.**  
16 CEDARS ROAD, LONDON, S.W.4

You need  
the

C. and D.

## PURCHASE TAX READY RECKONER

It simplifies transactions, saves valuable time and  
eliminates possibility of errors

It gives at a glance the amount of purchase tax to  
be added to the Retail Sales price of goods

(a) Bought and sold by weight.

(b) Bought and sold in numbers.

*In handy form for Counter use.*

1 copy .. ..	7d. post free
3 copies .. ..	1/8 " "
6 " .. ..	3/- " "
12 " .. ..	5/6 " "

*Special quotations for larger quantities.*

Remittance should accompany orders to

**THE CHEMIST AND DRUGGIST**  
The Pitman Press, BATH

# THE CHEMISTS' PRINTERS

**FOR OVER SIXTY YEARS**

**THOMAS WAIDE & SONS, LTD.  
KIRKSTALL HILL  
LEEDS**

**FRANCO-BRITISH ELECTRICAL CO. LTD.**  
*For Ampoules & Vials.* HUNSLET · LEEDS · 10

**SELL SATISFACTION! SAVE STEEL!**

The basis of the Multishave is the smoothest, fastest cutting, most efficient abrasive obtainable. Retail, 1/6 each. 8/- per dozen, plus 5/4 tax. Packed 3 dozen per carton. Smart showcards with each order.

**MULTISHAVE** SAFETY RAZOR  
BLADE SHARPENER  
MULTISHAVE LIMITED, PORTESS GROVE, N.W. 5. Telephone GULLIVER 1467

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*Sanitary Protection WORN INTERNALLY*

Sole Distributors: Splendor Ltd., 5 Beastmarket Hill, Nottingham, for Tampax Ltd., Belvue Road, Northolt, Middlesex

## GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?



**GEORGE PORTEUS & SONS (LEEDS) LIMITED**  
LEEDS BRIDGE WORKS *Providence Milling Specialists* LEEDS 10

TO ALL OUR CUSTOMERS

## **A Reminder . . .**

On July 1st, Section Eleven of the Pharmacy and Medicines Act, 1941, comes into operation, as indicated in our explanatory pamphlet.

After that date it is necessary to disclose the formula on all preparations which bear a recommendation as a medicine.

Customers are advised to go through their stocks carefully and make sure that all such articles are correctly labelled. We suggest that you then forward a list of those lines which do NOT bear a correct label and send it to us, when the matter of replacements will have our careful consideration.

At the same time, unregistered customers should make sure that no such medicines are being sold without a possessive title and, together with registered customers, they should see that there is no reference on any label to Diabetes, St. Vitus Dance, Bright's Disease, Epilepsy, or Fits, or any other ailment mentioned in Section Eight.

We are most anxious that customers should not have any trouble in carrying out the requirements of this Act, and should there be any query whatsoever, please write to us, and your letter will have our careful attention.

# **Potter & Clarke**

LIMITED

**LONDON: 60-64 ARTILLERY LANE**

'Phone: BISHopsgate 4761 (6 lines) 'Grams: Horehound, Phone, London

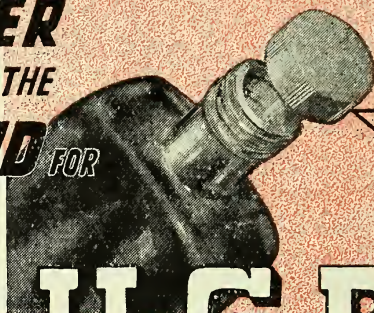
**MANCHESTER: 77 DANTZIC STREET**

Phone: BLAckfriars 8734

'Grams: Horehound, Manchester



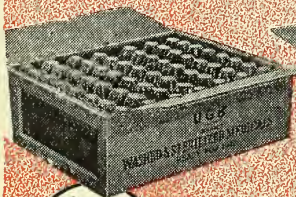
**GREATER  
THAN EVER IS THE  
DEMAND FOR**



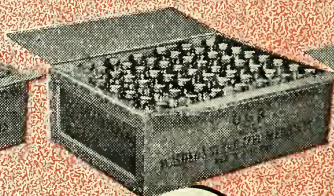
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WHITE  
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**U.G.B.**

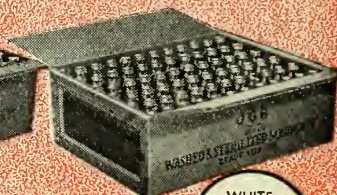
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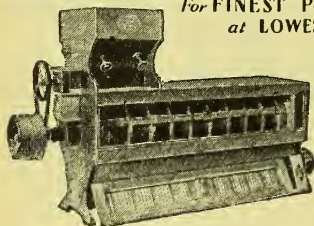
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## NEWS OF THE WEEK

**Restriction of Resale.**—The Price Control (Restriction of Resale) (No. 2) Order, 1942, which comes into force on June 8, prohibits a trader from selling by wholesale goods which he has bought from another wholesaler unless he can prove that at all times since March 1939 he was himself selling similar goods bought in this way otherwise than by retail. Full details of this new Order will be published in next week's issue.

**Control of Exports.**—Under the Export of Goods (Control) (No. 24) Order (S.R. & O. 929), which comes into force on June 9, licences will be required to export the following to all destinations :—Manufactures wholly or partly of kapok, lime, methylene chloride. Applications for licences to export manufactures wholly or partly of kapok and methylene chloride will not, normally, be entertained. Existing licensing requirements with respect to liquorice and liquorice root are superseded by the provisions that licences will, in future, be required to export liquorice root and its extracts, and preparations thereof. The

existing control has been extended to cover the salts of citric acid.

**Petroleum Jelly.**—The Board of Trade states that petroleum jelly, if not prepared for use as a toilet preparation, is free from control under the Limitation of Supplies Order and may be supplied without restriction.

**Committee on Toilet Preparations.**—The Board of Trade has set up an advisory committee to advise the Board upon the production and the supply of toilet preparations in the light of war-time conditions. The following have been appointed to the committee :—Mr. A. F. Gunning, managing director of Pond's Extract Co., Ltd., and chairman, Perfumery and Toilet Preparations Manufacturers' Section, London Chamber of Commerce; Mr. L. J. Matchan, general manager of Max Factor & Co., Inc.; Mr. T. Lyddon Gardner, managing director of Yardley & Co., Ltd.; Mr. H. H. Bagnall, senior executive of Lever Brothers & Unilever Limited; Mr. J. W. Middlemiss, a deputy assistant secretary of the London Chamber of Commerce.

**Export Groups Central Committee.**—Mr. A. Mortimer, M.P.S., has been appointed to represent the Pharmaceutical Export Group on the Central Committee of Export Groups.

**Toilet Preparations.**—For goods controlled under the Limitation of Supplies (Toilet Preparations) (No. 2) Order, 1941 (S.R. & O., 1686), the standard period will be that from June 1, 1939, to May 31, 1940, and the permitted supplies will still be on a basis of approximately 25 per cent. by value. The effective quota for the period June 1 to July 31, 1942, will accordingly be 4 per cent. of the standard period supplies returned on Form T.P.1.

**Purchase Tax.**—The following decisions consequent upon the publication of the Third Supplement to the British Pharmaceutical Codex, 1934, are published as supplementary to those already given in Customs and Excise Notice No. 78. *Class 19. Chargeable in all circumstances:—*Ammonium mandelate, calcium mandelate, sodium mandelate. *Chargeable when put up for medicinal or veterinary use:—*Alum, benzyl hydroxybenzoate, cetyl alcohol, chloroxylenol, ethyl hydroxybenzoate, methyl hydroxybenzoate, methyl hydroxybenzoate (soluble), nicotinic acid, propyl hydroxybenzoate, propyl hydroxybenzoate, soluble, ricinoleic acid, sulphurated potash.

**Limitation of Supplies.**—The Board of Trade has decided that to save manufacturers and traders the trouble of making new computations, the standard period upon which will be based permitted supplies in June and July of controlled goods of Classes 8, 9, 10, 12, 14, 15 and 17 will be that applicable to the Limitation of Supplies (Miscellaneous) (No. 13) Order, 1941 (S.R. & O., 1813), viz. December 1, 1939, to May 31, 1940. Registered persons will calculate their quotas for the period June 1 to July 31, 1942, by reference to the figures which have been returned by them on Form Misc. 13, and these quotas will thus represent one-third of those for the current restriction period ending May 31, 1942. The standard period upon which will be based permitted supplies of a further class of goods brought within control as from June 1, will be that from June 1 to November 30, 1939. The effective quotas for the period June 1 to July 31, 1942, will be as follows: Wax polishes, creams and dressings for floors, furniture and shoes—20 per cent. by value. Application for

registration should be made immediately by all manufacturers of controlled goods in this class.

**Licences for Imported Honey.**—The Minister of Food has made an amendment to the Food (Restriction on Dealings) Order, 1941 by which from June 29 all traders selling imported honey otherwise than by retail must hold licences. The amending Order provides that any person who is already licensed to trade in jam otherwise than by retail may trade otherwise than by retail in imported honey without applying for further licence. Thus only those who do not hold licences for jam need apply for licence under the new Order. Retailers who do wholesale trade in imported honey need not apply for licences provided that retailing is their principal business and that they, as the retailers to whom they sell, hold retail licences for this commodity under the Food Control Committees (Local Distribution) Order, 1939. Applications for licence should be sent to the Wholesale Coordination Division, Ministry of Food, St. Tudno, Colwyn Bay.

**Control of Rubber Gloves.**—The supply of rubber gloves to hospitals and similar medical institutions, and through them to doctors, nurses and midwives for use in institutions, is to be controlled centrally by the Priority Officer of the Ministry of Health. The supply to doctors, nurses and midwives not working in institutions is to be on the basis of control similar to that used for the rationing of petrol. As the preparation of certificates will take some weeks and as it is essential that restriction on purchase should be imposed forthwith, a temporary procedure has been agreed which is substantially the issue to the persons concerned of simple forms of certificate covering purchases estimated as sufficient. The classes concerned are: (i) Registered medical practitioners working outside institutions; (ii) District nurses working under local authorities or district nursing associations, and midwives who have notified the local Supervising Authority of their intention to practise; (iii) Statutory registered nurses or general trained certificated nurses in private practice. The number of certificates to be issued to the several classes to cover the interim period will provide for maximum purchases as follows: (i) For medical practitioners, three pairs; (ii) for midwives, three pairs; (iii) for district nurses not practising as midwives two pairs; (iv) for nurses in private practice, one pair.



**Manchester Police Report.**—The chief constable of Manchester, in his annual report, states that, during the past year, specially selected officers made 604 visits to the premises of chemists and twenty-eight visits to the premises of persons licensed for the wholesale supply of dangerous drugs. One chemist was proceeded against for a breach of the regulations made under the Dangerous Drugs Acts.

**Nottingham Women Pharmacists.**—The president of the National Association of Women Pharmacists (Miss E. Hodgkinson) addressed a meeting of the newly-formed Nottingham Branch of the Association on May 15. Miss Hodgkinson outlined the aims of the Association and enumerated the various responsible positions held by members, and recounted efforts the Association had made to secure data for a full report on the unsatisfactory status of pharmacists under the Voluntary Aid Detachments.

**Mutual Aid in Practice at Birkenhead.**—An innovation by the Birkenhead and Wirral Pharmacists' Association is the circulation of a monthly excess and wants list. Members who have surplus or redundant stock or who are in urgent need of particular supplies, difficult to procure through the ordinary trade channels, are required to notify the secretary. The information thus communicated is summarised and circulated to all the other members. The secretary puts potential buyer into touch with potential seller. In the first list there are forty-one items of surplus goods and nine want items.

**Poison instead of Paraffin.**—At Bristol, recently, an inquiry was held into the circumstances connected with the death of Mrs. Edith A. Harvey, W.A.A.F. Evidence was given by Kathleen Harris, sick bay orderly, of administering one ounce of what she thought was liquid paraffin. The patient complained of burning in her throat and was given some salt and water. The bottle was found to contain caustic soda. According to the evidence of the former senior medical officer at the camp, all the hospital's medicine bottles were filled at the main camp nearby. They were separated and put on two shelves labelled "internal administration" and "external application" respectively in the reception room of the hospital. The jury returned a verdict that death was due to a corrosive poison being accidentally administered in place of liquid paraffin.

**Appeal for Scrap Rubber.**—The Ministry of Supply appeals to shopkeepers for any old floor or counter rubber mats which are not really needed. These should be given to local authorities for salvage.

**Austrian Chemists and Scientific Workers.**—An association to assist Austrian professional workers, called the Association of Austrian Engineers, Chemists and Scientific workers in Great Britain, has been formed. Details may be obtained from the secretary: Mrs. K. Hilfreich, 133 Hatherley Court, London, W.2.

**Londonderry Chemists' Savings Group.**—The Londonderry Chemists' Association Savings Group has recently completed its third cycle, and has now reached a total of over £660 in ninety weeks. The group claims to be the only one of its kind in Ulster and its members are all employees of twenty city pharmacies.

**Formalin Production in Eire.**—The Eire Emergency Scientific Research Bureau is understood to have successfully completed researches in the home manufacture of formalin. Following laboratory experiments on a pilot-plant scale, a full-scale plant was designed and erected at Riverstown Distillery with the co-operation of Irish Alcohol Factories, Ltd. This plant will produce, by the catalytic oxidation of methyl alcohol, enough formalin to meet the country's essential requirements. Supplies sufficient for most essential purposes are already being made available through the usual channels.

**Chemists' and Druggists' Society of Ireland.**—A meeting of the management committee of the Chemists' and Druggists' Society of Ireland was held in Belfast recently, Mr. Fred Storey (president) in the chair. Messrs. S. Nevin, H. McQuitty, A. E. A. Davis, Frank Boyle, H. Johnston, James Macauley (secretary) were also present. Mr. Storey reported that he and the treasurer (Mr. W. Gibson) had met the valuer from the War Damage Commission, and had come to an agreed figure to be paid at the end of hostilities in respect of the loss of their effects due to enemy action. The question of a successor to the late Mr. Samuel Gibson, J.P., as a druggist representative to the Council of the Pharmaceutical Society of Northern Ireland, was considered, and Mr. James Irwin, R.D., Dunmurry, was unanimously adopted. The subcommittees were all re-elected, substituting Mr. Irwin's name for that of Mr. Gibson.

## EMPIRE AND FOREIGN NEWS

**Canadian Cosmetic Restrictions.**—Canada's War-time Prices and Trade Board has ruled that the total number of shades in which rouge, face powder, lipstick, and fingernail polish produced by any one manufacturer shall be reduced to five. Sharp restriction is placed on the introduction of new products or new sizes of existing products, and non-essential items such as special facial creams are being eliminated, while bottle sizes and shapes are being standardised, and deliveries limited.

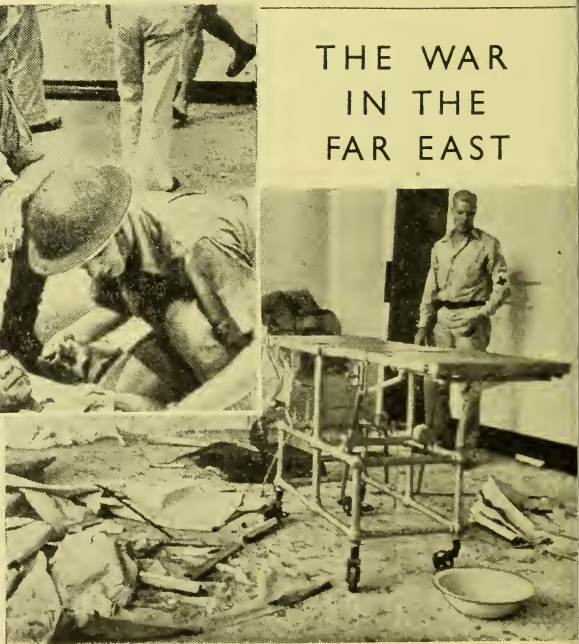
**South African Pharmacists' Conference.**—The annual conference of the Associated Pharmaceutical Societies of South Africa was held this year at Port Elizabeth. In an address on April 7, the chairman of the Port Elizabeth Branch (Mr. Norman Harris) said he was convinced there was a possibility of Africa developing into "drug granary for the whole Empire." In support of this view, he pointed out that fully 75 per cent. of the normal sources of the world's chemicals and drugs had now become "frozen" as a result of the actions of the

Axis armies. Apart from this, even where countries were still able to place such commodities on the market, the lack of shipping facilities was proving an obstacle almost as insurmountable as enemy occupation of the countries formerly supplying drugs. It was obvious that South Africa and other African countries would have to make a much larger use of their natural sources of drugs, even to the length of utilising substitutes for well-known chemicals. The congress debated at length, in committee, the question of co-operation with the Price Controller in the control of all chemists' prices in South Africa. Few of the lines handled by chemists and druggists have so far become subject to the maximum price regulations, but it was considered desirable to keep prices down where possible. A resolution requesting the co-operation of medical practitioners in marking prescriptions for sulphanilamide "non repeat" was unopposed. The congress gave power to the executive committee to try and get trade marks of enemy origin declared null and void.



Left. A street scene in Singapore just prior to its capitulation, while the town was being bombarded. A British doctor, R.A.M.C. sergeant and native warden carry on giving first aid to a wounded native.

Right. A picture from Corregidor showing the wrecked operating room in a hospital hit by Japanese during an air raid.





# TOPICAL REFLECTIONS

N.W.F.

Dr. Philip Hamill's lecture on "Prescribing in War-time" (p. 575) is a lucid statement of facts so urgent in their practical significance as to leave little room for discussion; and it will be noticed that the few questions put to the lecturer embodied points of detail rather than of principle. A restatement of the basic truth that "ideally every prescription should be individual to the patient and his disorder" is welcome; it does not follow, however, that "the whole problem of supplies to makers of proprietaries, of self-prescribing, display and advertisement seems to call for action more urgently even than medical prescribing." There I think I discern a trace of the old autocracy which holds that X, the patient, should not take a morning dose of saline medicine unless Y, his medical man, prescribes it. It will be of interest to learn later, if possible, to what extent the National War Formulary has been adopted in private practice. Medical men do not take kindly, as a rule, to any regimentation of their habits; and permitted substitutions in dispensing are already numerous. The lecture is full of good suggestions, and will no doubt be carefully studied by your readers. One passage calls attention to the redundancy of diluting a solution containing strychnine with an infusion of gentian or quassia. Prescribers may even go further in this direction. A simple experiment shows that a remarkably small quantity of a vegetable bitter suffices to impart a definite flavour to a mixture containing it; the desired effect may accordingly be attained, I believe, with less than the average additional quantities of the bitter flavouring agent decided upon.

## Physician and Pharmacist

Another pointer of the same kind is the hint that official sanction for the use of burnt sugar may be withdrawn. Few dispensers would shed tears over such a breach with the past; this ancient colouring substance is little, if at all, more scientific than, say, powdered charcoal. In the making of any changes in this direction the expert advice of pharmacists will, it may be hoped, be frankly sought and accepted by compilers of formularies. About twenty years ago a medical practitioner who did his own dispensing remarked to me that he obtained good results in the treatment

of constipation with a mixture of magnesia, liquid paraffin and liquid extract of cascara sagrada. He added—half apologetically, as it seemed to me: "It looks an awful mess." Having had glimpses of various doctors' surgeries, I registered a mental impression that it probably did look an awful mess. That is an example of the kind of thing to be avoided; and the method of avoiding it is not obscure. There is no need for me to say more.

## Doses on Labels

The view of the Pharmaceutical Society's Council that "in most circumstances" the mention of a dose on a label renders the article labelled a substance recommended as a medicine within the meaning of the Pharmacy and Medicines Act, 1941, on which you comment (p. 571), is in accordance with common sense. The reservation in the three words cited in inverted commas refers, presumably, to ampoules, vaccines and so forth, as well as to dispensed medicines. The doses printed on chemists' labels for counter use will, no doubt, be those of the British Pharmacopoeia or the British Pharmaceutical Codex where applicable. Now, in the first place, the doses shown in these two books of reference are not necessarily the doses most frequently prescribed by medical practitioners—in other words, they are suggested or recommended doses. I might here remind your readers that this matter was most ably dealt with in the *C. & D.* not long since. Only a very subtle casuist or sophist would argue that it is possible to recommend a dose without recommending the medicine to which it relates. Further, the ipecacuanha preparations have each two ranges of doses, a circumstance that involves mention of the purposes proper to each range of doses; for it would be impracticable to indicate these separate ranges on a label without naming their purposes. There may be other instances of the same kind. In my experience it has not been usual for doses to be printed on "slip" labels, though it has on larger labels (for example, quinine wine or Gregory's powder labels). Yet I have in my small collection of old labels two for compressed pellets; each contains a dose indication, and one measures less than  $1\frac{1}{2}$  in. by 1 in. The ordinary "slip" label should therefore take another line or two of print without much disturbance of its general appearance.

**Xrayser**



## COMPANY NEWS

**I. R. PHILLIPS, LTD. (P.C.).**—Capital £2,000. Wholesale or retail, manufacturing, and general chemists, herbalists, etc. Ivor R. Phillips, M.P.S., and Ethel M. Phillips, Lorette, Lyne Road, Axminster, directors.

**CRESTON CHEMICAL CO., LTD. (P.C.).**—Capital £5,000. Manufacturers of and dealers in chemicals, drugs, dyes, toilet requisites, etc. Frank I. Hibbert and Robert F. Reed, directors. R.O.: 128-30 Oval Road, East Croydon, Surrey.

**F. N. LABORATORIES, LTD. (P.C.).**—Capital £2,000. Manufacturing, research, dispensing and analytical chemists, technical consultants, etc. Moric Braunstein, Fred Nott and Herbert J. Wells, directors. R.O.: Station Place, Letchworth, Herts.

**BRITISH INJECTA, LTD. (P.C.).**—Capital £2,000. Manufacturers of and dealers in hypodermic syringes, surgical and medical appliances, hospital equipment, etc. John F. and Henry V. Cooper, directors. R.O.: 146 Bishopsgate, London, E.C.2.

**THERMO INSTRUMENTS, LTD. (P.C.).**—Capital £1,000. Manufacturers of and dealers in thermometers, optical instruments, hospital equipment, etc. Frederick W. Hallowell and Frank Woodcock, directors. R.O.: 372 Uxbridge Road, London, W.5.

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**—Net profit for 1941 was £6,162,212, against £6,418,533 in 1940. Dividend on ordinary shares is maintained at 8 per cent. for year.

**MAY, ROBERTS (IRELAND), LTD.**—Profit for the year ended January 31, 1941, amounted to £23,763, against £20,459 in the previous year. £4,000 has been placed to reserve for contingencies (against £6,000), and a dividend of 12½ per cent. (against 15 per cent.) has been declared on the ordinary shares.

**GRIFFITHS HUGHES PROPRIETARIES, LTD.**—Final dividend of 4 per cent., less tax, is being paid on the ordinary shares for financial year ended March 31, making 6 per cent. for the year (3 per cent. last year). Profits of operating company for the year were £230,910; after providing for dividends and reserving £132,000 for taxation, £25,623 remains to be carried forward.

**PARKE, DAVIS & Co., DETROIT.**—The company and its subsidiaries, in the year ended December 31, 1941, earned a net profit of \$8,006,462, equivalent to \$1.64 a

share on the outstanding 4,896,403 shares of capital stock. This compares with \$8,187,712 (\$1.67 a share) on 4,895,832 shares in 1940. The company's business in 1941 was easily the largest in its history but higher costs of both material and labor and the sharply higher taxes paid material affected earnings. The research laboratories of the company have been expanded or altered, and work on new products is proceeding "more vigorously than before."

**DELETED FROM REGISTER.**—Notice was given in "The London Gazette," May that Fertilizer Developments, Ltd., and Rapsch Optical Co., Ltd., have been struck off the Register of Companies.

**PARTNERSHIP DISSOLVED.**—The partnership between William Edgar Samways and Ernest Rowsell Samways, carrying on business as chemists, wine merchants, new agents, stationers, and dealers in photographic and fancy goods at Gillingham, Dorset, under the style of W. E. & E. I. Samways, was dissolved on April 21.

**Private Arrangement.**—**WILLIAM GEDDES, M.P.S.,** 10A Belgrave Market, Ilford. A meeting of creditors was held recently. Statement of affairs showed ranking liabilities of £612, of which £200 was due to the trade, and the balance to the bankers. After allowing £33 for preferential claims the net assets were £100 or a deficiency of £511. The principal assets were stock, at cost, £40; fixtures and fittings, £127, put down at £30; and furniture, £25. Debtor took over the business in August 1937. He had little or no capital and obtained an advance of £300 from the bank on the security of a third-party guarantee. During the year August 31, 1939, turnover was £1,691, with a gross profit of £536 and net profit of £339, the drawings aggregating £266. In the two following years the sales were £1,411 and £1,137, with net profits of £10 and £127 and drawings of £197 and £15. Debtor attributed his present position to evacuation from the neighbourhood, shortage of capital, and difficulty in obtaining supplies. The business had been advertised for sale and some inquiries had been received. In the absence of any offer it was decided that the debtor should execute a deed of assignment to Mr. Brown, I.A., Queen Victoria Street, London, E.C., as trustee, with a committee.

## WAR FORMULARY CHANGES

USERS of the National War Formulary are asked to make the following alterations in their copies :—

EMULS. ANISI.—Strength reduced from 10 to 2 mls ol. anisi per 100 mls emulsion.

EMULS. PARAFF. LIQ.—Replaced by Emulsio Paraffini Liquidum B.P.C., Second Supplement.

EMULS. PARAFF. LIQ. C. PHENOLPHTHAL.—Replaced by Emulsio Paraffini Liquidum cum Phenolphthaleino B.P.C. See Emulsio Paraffini Co. B.P.C., Second Supplement.

SOLUTION OF BURNT SUGAR B.P.C.—Deleted from all Formulary preparations.

LIQ. CHLOROXYLENOL.—Replaced by Liquor Chloroxylonolis B.P.C., Second Supplement.

INJECTIO QUININ. DIHYDROCHLOR.—Replaced by Injectio Quininae Dihydrochloridi B.P.C., Second Supplement.

HAUSTUS CHLORAL. Co.—Title changed to Haustus Chloralis et Bromidi. Original title remains as synonym.

HAUSTUS CHLORALIS (Haust. Chloral).—Newly added to Formulary. Formula :—

Chloral hydrate	..	20 gr.
Elixir of saccharin B.P.C.	..	5 min.
Water	..	to 1½ fl. oz.

MIST. AMMON. CHLOR. ET MORPH.—To be dispensed when Mist. Ammon. Chlor. Co. is ordered.

MIST. MORPH. ET IPECAC.—Synonym Mist. Expect. Nig. deleted. Mist. Ammon. et Ipecac. Co. to be dispensed when Mist. Morph. et Ipecac. is ordered.

MIST. MORPH. ET IPECAC.—Synonym Mist. Tussis Nig. deleted. Mist. Morph. et Ipecac. to be dispensed when the deleted synonym is used on a prescription.

NEB. EPHED. Co. and NEB. MENTHOL. ET THYMOL. Co.—Menthol and camphor reduced from eight to four grains of each per fluid ounce.

UNG. ACID. BENZ. Co. and UNG. BENZOCAIN. Co.—B.P.C. added to titles and formulas deleted.

Throughout the N.W.F. the direction "See" before a title gives authority to dispense the formula under that title: e.g. "Gargarisma Phenolis Composita, See Collutorium Phenolis Alkalinum."

Amendments to the Drug Tariff made necessary by the Formulary changes are appended to the notice giving the above alterations.



THE BATH BLITZ.—The crater in the forefront of this picture was formerly the site of THE CHEMIST AND DRUGGIST offices, which were completely demolished in one of the recent air raids on Bath.



# PHARMACEUTICAL SOCIETY of IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held on May 12, the president (Mr. P. C. Cahill) in the chair. Other members of the Council present were Messrs. J. Gleeson, P. A. Brady, J. V. McKeever, H. P. Corrigan, D. W. P. Boyd, J. K. Whelehan, M. J. Kieran, T. C. Scott, J. Duggan, J. A. O'Rourke, Sir T. Robinson and Miss F. M. Flood.

Mr. John J. Sewell, M.P.S.I., Killarney, acknowledged a message of sympathy sent to him on the death of his wife.

## Therapeutic Substances Advisory Committee

A letter was read from the Ministry of Local Government and Public Health informing the Council that the term of office of their representative on the Therapeutic Substances Advisory Committee would expire on July 31, and requesting the Council to make the necessary appointment of a representative to the Committee as from August 1. MR. D. W. P. BOYD (the present representative) asked if it would be in order if, at this stage, he gave an account of the work of the committee. The president directed him to proceed. Mr. Boyd said that in normal circumstances this Committee advised the Government, through the Department of Local Government and Public Health, on administration of the Therapeutic Substances Act, which controlled the import, issue of licences for, and handling of these substances. At present the work of the committee went beyond that, and it was considering the accumulation of stocks of these substances in view of threatened emergency conditions. Discussions had taken place between the Medical Research Council, the Hospitals Commission, the Ministry of Supplies and their own committee on the matter of waiving certain clauses in the Act governing the date on which some of these substances would become obsolete. Such matters as the inspection of stocks and storage under specified conditions were also under consideration. Manufacturers had been communicated with to ascertain their view, and the idea of having central storage places at which the various substances could be inspected by a committee of experts, in order to ensure that potency was maintained, had been considered. All the committee could do was to advise the Department of Local Government not to enforce the expiry dates on the packages, provided

inspectors certified that certain storage conditions and temperatures were complied with. The preparations included anti-diphtheria, anti-tetanus, pneumonia, and meningitis sera. On the motion of THE PRESIDENT, seconded by MR. GLEESON, Mr. Boyd was re-nominated to continue on the committee from August 1. Mr. Boyd expressed appreciation of the trust reposed in him.

## Examination Dates and Results

On consideration of the report of the House Committee the following motion was unanimously adopted, on the proposition of THE PRESIDENT, seconded by MR. GLEESON: "That the Licence examination shall commence on the Thursday following the second Tuesday in July and October of this year; and in January, April, July, and October of succeeding years while the emergency continues."

The Certificates and Declarations Committee submitted its report, which was adopted.

The examiners to the recent Licence examination reported that fifty-eight candidates were entrants for the examination, of whom two passed with honours and sixteen passed, two withdrawing. The examiners to the Assistants' examination reported that twenty-eight candidates had presented themselves, twelve of whom passed.

## Registration Changes

THE REGISTRAR (Mr. J. J. Kerr) reported on the deaths of Mrs. E. Sewell, M.P.S.I., and Messrs. Samuel Hogg, M.P.S.I., and Isaac Davison, L.P.S.I., R.D.

Mr. J. P. S. Gallagher was elected a member of the Society. The following were nominated for membership: Messrs. D. C. Bourke, 50A Lower Drumcondra Road Dublin; P. Dennehy, the Modern Pharmacy, Oldcastle, co. Meath, and V. P. O'Hara, Ballybricken, Waterford. The Licence certificates of the following were signed and sealed: Joan L. Burke, Michael Daly, Michael J. O'S. Kelleher, Dermot T. Toomey, and Paul J. Duggan.

The following changes of address were notified: Michael Andrew Duffy, L.P.S.I., from 13 Tram Terrace, Sandymount Dublin, to 141 Old County Road, Crumlin Dublin; Vincent Patrick O'Hara, M.P.S.I., Assistant, from 35 Upper Baggot Street Dublin, to Ballybricken, Waterford; T. J.

Hackett, Assistant, from 55 O'Connell Street, Limerick, to 33 O'Connell Street, Ennis; G. L. Hutchinson, R.D., from 83 Leinster Road, Rathmines, to 28 Meath Street, Dublin.

The following were granted Preliminary registration: Misses M. D. Fitzgerald, M. A. A. Lynch and Dorothy St. John; and Mr. P. Hickey.

## LEGAL REPORTS

**Prohibited Labels.**—At St. Helens Police Court, recently, George A. Barker, 57 Houldsworth Street, Manchester, and Phoebe Case, Dilloway Street, Manchester, answered summonses relating to a label and a placard advertising Barker's Liquid of Life in terms likely to lead to its use for the treatment of Bright's disease, diabetes or tuberculosis. George Alfred Barker said he had been in business forty-five years and supplied the Liquid of Life to all parts of the country. What was stated on the labels was absolutely correct, as testimonials would prove. Every bottle sent out after September conformed to the Act. The bottle produced, with the stamp, was old stock and the placard was at least twenty years old. He did all he could to get back the bottles and cards. Summonses against Barker were dismissed. Mrs. Case was fined 10s. on each of two summonses.

At St. Helens Police Court, recently, Arthur Wilfred Johnson, herbalist, Liverpool Road, and Potter & Clarke, Ltd., manufacturing chemists, London, E.1., were summoned under Section 8 of the Pharmacy and Medicines Act in respect of an advertisement relating to Lion diabetes herbs in a manner calculated to lead to the product being used in the treatment of that disease in human beings. For the prosecution it was stated that under the Act the term "advertisement" meant any notice, circular, wrapper, label or other document, and any announcement made orally or by any means of producing or transmitting light or sound. The label complained of read "The Lion Diabetes Herbs. The Winged Lion of St. Marks." On the side of the packet was a label which gave a diagnosis of diabetes, the symptoms and how to treat the disease. An officer of the Corporation, who made the purchase on December 10, said that Johnson told him he had obtained the packets from Potter & Clarke, Ltd., 77 Dantzic Street, Manchester, but that it was not convenient at the time to produce the actual invoice concerned.

The Council then went into committee and considered at length the first report of the consultative committee setting out heads for proposed legislation.

### Benevolent Fund

At a meeting of the Benevolent Fund Committee held following the Council meeting one grant was passed for payment.

Another officer of the Corporation said that when he visited the shop again a week later Johnson said he had now found the invoice. It was dated April 7, 1941.

Mr. Edwin Walters, manager at Manchester, said that on January 8 he had supplied Johnson with eight wrappers to re-wrap the packets of diabetes herbs. The Bench found it a fact that Potter & Clarke, Ltd., did not know they were taking part in the publication, and the cases against them were dismissed. In the case of Johnson, there was a conviction on each summons and a fine of 10s. in each case.

**Application Against an Order.**—A rule nisi of certiorari to bring up an order of Woking magistrates for quashing was made by a King's Bench Divisional Court, London, on May 22, on an ex-parte application made on behalf of Mr. William Henry Johnstone, formerly a director of Woodlands Chemists, Ltd. For Johnstone it was argued that the order for imprisonment made in default of payment was wrong inasmuch as no evidence was before the court that he was possessed of any means. Indeed the only evidence was that he had no means and was in fact adjudicated bankrupt. The law provided that no warrant should be made for committal unless the court was satisfied that the person had the means to pay forthwith. The magistrates were accordingly wrong in law in making the order they did.

After discussion the court decided to grant the application. Mr. Justice Cassels said the court did not express any view on the point, but it might well be that there was a point to be argued. The hearing of the matter would be expedited so as to come on within the first fortnight of next term.

Indicating that the Board of Trade, as the prosecutors, would be interested in the matter, Mr. Justice Cassels said that bankruptcy would be more popular than ever if it was to be said that a bankrupt could escape penalties to which non-bankrupts were liable.



## TRADE NOTES

**Tooth-paste Orders Invited.**—A. Kritz, 135-37 New Bond Street, London, W.1, invites orders from retailers for large-size tubes of Toothool tooth-paste manufactured by Shavex-Zee-Kol Co., Ltd.

**Price Increases.**—A tabulated list is given on another page of price increases made necessary in the specialities of Alfred Bishop, Ltd., 92 King's Avenue, Clapham Park, London, S.W.4.

**Revised Insulin Prices.**—Increased prices for A.B. brand insulin, occasioned by higher costs of manufacture, are announced jointly in this issue by Allen & Hanburys, Ltd., and The British Drug Houses, Ltd., London. The increases apply also to H.A.B. and P.Z. insulins and came into force on May 29.

**Chemists Asked to Hold Stocks.**—Allen & Hanburys, Ltd., London, report that they have had complaints from mothers that they cannot obtain Allenburys baby foods. Ample supplies of these foods are, however, available, and chemists are asked to hold sufficient stocks.

**Representatives Unable to Call.**—On another page the announcement is made by United Drug Co., Ltd., Nottingham, that owing to petrol and tyre restrictions their representatives are unable to call on so many Rexall agents as previously. Agents are asked to send their orders direct.

**New Sulphonamide Specialities.**—Charles F. Thackray, Ltd., Park Street, Leeds, 1, announce the introduction to the list of Lederle specialities of the sulphonamide preparations Sulfadiazine and Sulfaguanidine. Both products are available in packages of 50, 100 and 1,000 tablets, each of 0.5 gm. Literature may be obtained from the distributors.

**Production Rationalised.**—Meggeson & Co., Ltd., Llewellyn Street, London, S.E.16, state that, as a result of reorganisation and rationalisation in the production departments, they have ensured reasonable continuity of supplies of their three most popular lines, Meggeson bismuth dyspepsia tablets, Meggezones and Vistic denture fixative.

### Business Changes

**BRITISH ITALIAN TRADING CO., LTD.**, have removed to Bevis Marks House, Bevis Marks, London, E.C.3. Telephone: Avenue 2236.

**SOUTHALLS (BIRMINGHAM), LTD.**, have removed their London office to Africa House, Kingsway, London, W.C.2. Telephone: Holborn 0528.

## Proprietary Articles Trade Association

**Additions to Protected List.**—*Sangee Products Co.* Bak brand strong rub (a medicinal preparation), 1-oz., 1s. 3d., 11s. doz., tax 1s. 10d. doz., inclusive retail price 1s. 5d.; 2-oz., 2s. 6d., 23s. doz., tax 3s. 10d. doz., i.r.p. 2s. 10d., less 2½ per cent. for cash within one month.

*Money's Chemical Co.*, Noda, (liquid) 1s. 5d., 11s. 6d. doz., tax 3s. 10d. doz., i.r.p. 1s. 9d.; 2s. 5½d., 19s. 6d. doz., tax 6s. 6d. doz., i.r.p. 3s.; (cream) 1s. 8d., 13s. 9d. doz., tax 9s. 2d. doz., i.r.p. 2s. 6d.; 2s. 9d., 22s. doz., tax 14s. 8d. doz., i.r.p. 4s. Orders of £2 net value carriage paid.

**Alterations.**—*The British Drug Houses, Ltd.* Salina, 1s. 9d., 16s. doz., tax 2s. 8d. doz., i.r.p. 2s.; large, 3s. 1d., 28s. doz., tax 4s. 8d. doz., i.r.p. 3s. 6d.

*Ex-Lax, Ltd.* Bonus orders value 54s. withdrawn for duration of war.

*Elliman, Sons & Co., Ltd.*, Elliman athletic rub now subject to purchase tax at rate of 16½ per cent.: 1s., 9s. doz., tax 1s. 6d. doz., i.r.p. 1s. 1½d. 2s. 6d. size removed from protected list.

*J. C. Eno, Ltd.*, New prices in Great Britain and Northern Ireland, June 1:—Eno's Fruit Salt, 1s. 9d., 17s. 3d. doz., tax 2s. 9½d. doz., i.r.p. 2s.; 3s. 1d., 30s. doz., tax 4s. 10½d. doz., i.r.p. 3s. 6d.; subject to usual terms.

*Lofthouse & Saltmer, Ltd.*, Losall's salt, 4-oz. tins, 1s. 1½d., 9s. 3d. doz., tax 1s. 7d. doz., i.r.p. 1s. 3d.; 8-oz. tins, 2s. 2d., 18s. 6d. doz., tax 3s. 1d. doz., i.r.p. 2s. 6d.; 8-oz. size bottles withdrawn.

*Moore Medicinal Products, Ltd.*, Sperol named Sperola.

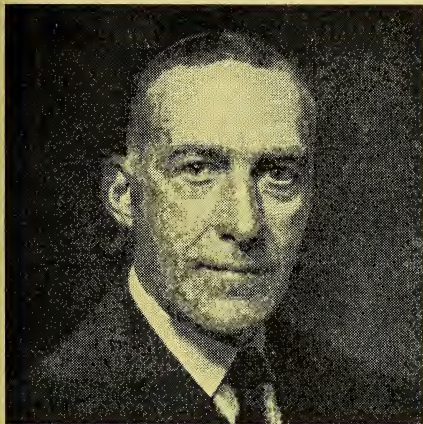


**Munitions from Waste Paper.**—Whether your district wins one of the big cash prizes in the forthcoming contest or not, your own personal effort in collecting and dispatching waste paper of all kinds will directly help to win the war. Here are a few specimens of munitions made from waste materials.

## PERSONALITIES

DR. FRANK WOKES, who is at present contributing a special series of articles to *THE CHEMIST AND DRUGGIST*, entitled "Nutrition in War-time," is giving a series of broadcasts on "Food Values" in the Kitchen Front programme at 8.15 a.m., beginning Saturday, May 30.

SIR KENNETH LEE, an abstract of whose address before the members of the Associated Chain Drug Stores of the United States



Sir Kenneth Lee

of America is published on pp. 596-98 of this issue, has been appointed Director-General of Raw Materials Controls in place of Sir George Beharrell, who has resigned. Sir Kenneth was appointed last July representative in the United States of the Industrial and Export Council of the British Board of Trade. Sir Kenneth will remain a member of the Industrial and Export Council. He is also a member of the Imperial Shipping Committee.

MR. G. A. WHITE, who recently completed fifty years' service with S. Maw, Son & Sons, Ltd., Barnet, was the forty-fifth member of the staff to have his name added to Messrs. Maw's Veterans Roll of Honour. Mr. White has served continuously in the despatch department of the company. He was the recipient of a cheque from the directors, who congratulated him on his long service. The employees of Messrs. Maw marked the occasion by presenting Mr. White with a fireside chair and cash.

## MARRIAGES

ALLEN—THROUPE.—Before the Superintendent Registrar, Keighley, Yorks, on May 9, John W. Allen, Digby Cottage, Gore Lane, Lindow End, Alderley Edge, Manchester, to Clare S. Throupe.

Silver Wedding.—SMITH—GARDINER.—At Christ Church, Swindon, on May 28, 1917, Evelyn A. Smith, M.P.S., to Rosalie Gardiner. Present address, 75 High Street, Camberley.

## DEATHS

ADAMS.—Recently, Mr. George Cuthbert Adams, M.P.S., 6 Firpark Terrace, Dennistoun, Glasgow. Mr. Adams qualified in 1894.

BUTTERSS.—On May 17, Mr. A. T. Butterss, director and secretary, of Drug Houses of Australia Export, Ltd., Strand, London, W.C.2. Mr. Butterss formerly had charge of the London Office of Duerdin & Sainsburys, Ltd.

DOIG.—At 25 Whitehill Avenue, Stepps, on May 17, Mr. David Dickson Doig. Mr. Doig joined the firm of W. & R. Hatrick & Co., Glasgow, in 1902, and when the business was converted into a limited company he was made secretary. He was a burgess of the City of Glasgow. The company was represented at the funeral by Mr. G. Mackay and Mr. J. H. Ramsay, Ph.C., directors.

PATERSON.—At 130 Lismore Road, Crumlin, Dublin, on May 14, Mr. Alexander John Paterson, L.P.S.I., aged eighty-eight. Mr. Paterson was apprenticed at Gordon's, of Ranelagh, from whence he went to Simpson's, of Henry Street, Dublin. He qualified in 1877 and was the oldest licentiate on the Register. He became manager of the Hayes Pharmacy in Grafton Street, Dublin, now principal pharmacy of Hayes, Conyngham & Robinson Ltd. From the retail he went to the wholesale side of the business following a short spell in McMaster Hodgson's, subsequently going to Boyd & Goodwin's pharmacy in Merrion Row where he spent twenty-three years. For some years Mr. Paterson conducted a pharmacy of his own in Capel Street, Dublin. Before increasing years made complete retirement necessary, Mr. Paterson was familiarly known to hundreds of students as superintendent at the examinations held at 67 Lower Mount Street. He is survived by a son and a daughter.





*John Bell* BRAND

**JOHN BELL HILLS & LUCAS LTD**  
OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26

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1/11 size, 3/- size

Trade—  
10/- doz. bts., 13/6  
doz. bts., 20/- doz.  
bts.  
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**ALCOHOL**  
FOR PERFUMERY

Write for Prices: JAMES BURROUGH Ltd.  
1 Cale Distillery, Lambeth, S.E.11

## TRADE MARKS

(From "The Trade Marks Journal,"  
April 29, 1942)

- "AMCO"; for adhesives for industrial purposes (1). By The Arabol Manufacturing Co., Ltd., 27 Martin Lane, Cannon Street, London E.C.4. 617,004 (Associated).
- "CERESAN U.564" (use of letter "U" and numerals disclaimed); for seed dressing (1). By Bayer Products, Ltd., 14 Waterloo Place, London, S.W.1. 618,144 (Associated).
- "DUNNEX"; for perfumery, cosmetics and toilet preparations (3). By J. Dunhill Manufacturing Co., Ltd., 17 Woodstock Street, London, W.1. 617,408.
- "GRALAC"; for soaps, perfumery, essential oils, cosmetics, hair lotions and dentifrices (3). By W. J. H. Arnold, 189 Northolt Road South Harrow, Middlesex. 617,464.
- "LAVESSE"; for soap (3). By Lavapine, Ltd., 31 South Ward Road, Dundee. 617,749 (Associated).
- "PATROL"; for cleaning and polishing preparations, excluding soap (3). By Koray, Ltd., 56 Gamage Building, Holborn, London, E.C.1. 618,044 (Associated).
- "MINI Mou"; for perfumes and toilet preparations (not medicated) for the hair and scalp (3). By Vine's, 222 Harrow Road, Paddington, London, W.2. 618,101.
- "MYCON"; for pharmaceutical preparations and substances, excluding ointments, for treatment of the skin (5). By Allied Laboratories, Ltd., 85-86 New Bond Street, London, W.1. 616,707.
- "ANTIBRON"; for medicines for coughs, colds, asthma, bronchitis, etc. (5); By Richards & Curtis (Dispensing Chemists), Ltd., 100 The Broadway, Cricklewood, London, N.W.2. 617,033.
- "FRESOL"; for deodorants (5). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 617,390.
- "KWIXPRIN"; for pharmaceutical preparations and substances (5). By Stablond Laboratories, Ltd., trading as Home Health Services, 128 Baker Street, London, W.1. B617,558 (Associated).
- "SKIDDAW"; for pharmaceutical preparations and substances (5). By J. Jowett, 21 Pedder Street, Morecambe, Lancs. B617,777.
- "GRIP-TIGHT" with design of baby's head ("Grip-tight" disclaimed); for baby soothers, feeding bottles, teats and valves (10). By Lewis Woolf, Ltd., 144 Oakfield Road, Selly Oak, Birmingham, 29. 617,518 (Associated).

STABILISED CHLORAMINE GERMICIDE

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**HARVEY'S**  
**Horse Remedies**

P.A.T.A. Protected Prices

Supplies through all Wholesale Houses

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WARREN WORKS, PUDSEY, LEEDS

### CASTLE BRAND FRUIT PRESERVING SOLUTION

(Made to the Campden Formula)

A 1/8 bottle preserves 25 lbs. of Fruit without the aid of sugar or heat

SELLS ON SIGHT

SHOWS GOOD PROFIT

ORDER IMMEDIATELY FOR SUMMER DELIVERY

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The most up-to-date specialist's treatment for conditions of the Climacteric and Menopause. Prescribed by doctors everywhere. Menopax is unrestricted. Regularly advertised in the National and Provincial Newspapers.

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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NO. 3251

*The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Go To It

IN a letter addressed to the members of the North Metropolitan Branch of the Pharmaceutical Society, the vice-chairman, Mr. T. C. Neville Booth, makes a strong appeal, from which we append the following extracts, for more active support from the rank and file: "Do you know that, out of 850 members, we had 100 present at this [annual] meeting! Out of 850 members, only eighty paid their subscription to the association last year! Our average contribution per member to the Benevolent Fund was only 2s. 6d. When our chairman sent out 250 postcards to members on the 'Location of Businesses Order,' he did not have one reply . . ." "It is no good blaming the Society's Council—you put them there—or by neglect failed to put the men in whom you would like to be there. . . ." "If you are a member of the N.P.U., it is no good blaming Mr. Mallinson; you elected his Executive, who tell him what to do. No—you and I—the ordinary members of the Society—are not pulling our weight. . . ." "The opportunities for putting pharmacy in its rightful position in the national life have never been

so favourable, but unless we have 100 per cent. co-operation from all pharmacists, the future of pharmacy is most uncertain."

## Need for Keeness

We realise that pharmacists are no exception to the rule that everyone is very busy these days, being occupied with business affairs and national duties, but, if 10 per cent. of pharmacists can find the time, energy and interest to attend meetings and reply to branch communications—that seems to be about the average up and down the country—while some others even take on the onerous duties of office in their Branches, it should not be beyond the capacity of the other 90 per cent. to "go to it." Whether it be the Council of the Pharmaceutical Society or the executive of the Branch, it is poor encouragement and not at all helpful when their efforts are apparently considered not worth supporting. The strength of an organisation does not lie in its nominal roll call, nor in its officers, however excellent they may be; it is measured by its virility and the keenness of the rank and file.

## Blister Gas

THE Ministry of Health and the Department of Health for Scotland have issued a joint circular entitled "If Hitler Uses Blister Gas." This circular is to be delivered to householders by wardens and members of the W.V.S. and instructs the public on what they should do in the event of contamination by blister gas. Under the displayed title "What you Need for Treatment" is the following:—"ANTI-GAS OINTMENT No. 2 OR BLEACH CREAM to deal with actual splashes on the skin. SOAP AND WATER, preferably warm, to wash the whole body so as to remove any gas which may have reached the skin either directly or through the clothing." Under the heading "WHAT YOU SHOULD DO," the circular states:—"Now, buy the ointment from your chemist (it costs only a few pence) and keep it with your gas mask, together with a piece of clean rag. If there are gas attacks chemists will have a pail of bleach cream outside their shops. But you may be some distance from a chemist's shop and ought to have the ointment with you."



## PHARMACY'S PROBLEMS IN BRITAIN EXPLAINED TO U.S. DRUGGISTS

The following is an abstract of an address given at a convention of the Associated Chain Drug Stores of the United States of America, in New York, on February 11, by Sir Kenneth Lee (see p. 593).

MOST members of Associated Chain Drug Stores will be aware that the practice of pharmacy in Great Britain differs widely from that of the United States, notably in the absence of the cigar counter, the soda fountain, the quick-lunch bar, and in the variety of merchandise offered for sale. The sale of drugs, surgical requisites, proprietary medicines, infants' and invalids' foods, packed pharmaceuticals, cosmetics, photographic, plus National Health Insurance and private dispensing, comprise the bulk of the business done by the average British pharmacist in business, although the multiple stores, such as those of Boots, Ltd., approximate more nearly, in the variety of goods sold and methods of display, to the drug stores in America. In Great Britain, as in the United States, the drug trade is a specialised industry, and all sections of the trade—retail, manufacturing and wholesale—are so closely linked together that, before considering the effect of the war on the retail side, it is advisable briefly to review its other sections. The term "manufacturer" includes makers of fine and heavy chemicals, proprietary and ethical products, makers of cosmetics, foodstuffs, and other products. The wholesaler or jobber acts as supplier and distributor of most of these products, plus, perhaps, his own branded goods and other items.

### Raw Materials

Practically the whole of the fine and heavy chemical industry is engaged on war work, with consequent restriction of supplies for other purposes. Nevertheless, during the last twelve months there have been few violent price fluctuations, and trading conditions have been relatively stable. Where demand has exceeded supply it has usually been because supplies were being diverted to more essential war purposes. In the home trade, pharmaceutical chemicals have generally remained free from Government control, an exception being mercury and its compounds, while an order was issued authorising the use of certain sodium salts in place of the corresponding potassium salts in prescriptions. After Munich, most manu-

facturers had a shrewd idea of coming events, and good supplies of raw materials were acquired. Business conditions were fairly normal until the collapse of France when there was a marked shortage of many drugs, such as chamomiles, liquorice and other products indigenous to Southern Europe. Products such as agar, menthol, camphor, olive oil, tartaric acid, and many essential oils, have become scarce, and the position will probably deteriorate until hostilities cease. Available supplies are, however, being distributed equitably, and users do get at least their fair share. The treacherous Japanese attack in the Pacific on December 7, 1941, spread the war to areas previously little affected, and completely changed the outlook for supplies of a number of important drugs. Progressive curtailment of shipments of Far Eastern commodities from such important sources as the Dutch East Indies, Malay States, China, Australia and India must now be expected. Prices of the commodities affected are, therefore, higher, with anxiety as to the future.

### Alternative Sources

To save shipping, efforts are being made to encourage the growing in Britain of medicinal herbs, and inquiries are being pursued for alternative sources. Considerable attention is being given to supplying adequate vitamins to children for the maintenance of their health, and the people of Britain are grateful for the large quantities of vitamin capsules which have been received from the United States. These are being supplemented by the distribution of blackcurrant syrup and purée and rose-hip syrup.

### Transport and Other Problems

During the latter half of 1940 and the first half of 1941, all sections of the trade suffered a certain amount of disorganisation owing to constant enemy bombing, and fair quantities of supplies were destroyed. More routine business became possible during the latter part of last year, but the difficulty of carrying on business with seriously depleted

taffs, owing to service with the Colours, is a steadily growing problem. So far as the wholesaler is concerned, transport is also a major problem. Petrol supplies are drastically rationed, which means less frequent deliveries to the retailer. Supplies of paper and board are also scarce and their use is limited by law. Except for foodstuffs, the retailer is not now allowed to use paper in wrapping goods of any kind whatsoever, unless they are to be delivered to the customer's home by the retailer. It is not permissible for a retailer to sell paper to the public, or to wrap goods in such paper. There is even a restriction preventing a retailer from selling carrier bags if he has not previously done so; and where he had sold them previously, he may not increase the number of stalls or stands from which bags can be sold. There is also a severe restriction on the use of paper and stationery for advertising. Issue to the public of catalogues is forbidden, except for seeds and foodstuffs, and the retailer is only allowed to send out samples after having received a definite inquiry from a customer. In some instances this has meant a reduction of 5 per cent. of a retailer's mail-order business. Another problem is the supply of containers. Makers of tin and glass containers are working to capacity, largely on government work, resulting in a shortage of supplies of tins, glass bottles, cardboard boxes and cartons. This again affects the output of a number of packed proprietaries, many of which are now appearing in special war-time guise.

### Pharmacies and the War

In Great Britain there are, in round figures, about 15,000 pharmacies—about 2,000 of them privately owned one-man businesses and the remainder branches of the various chain stores. There is thus one pharmacy to every 3,200, approximately, of the population. In addition, there are a small number of drug stores under unequalled management and a number of herbalists' shops. After France was overrun, the business in many coastal districts came within what are called "defence areas," and the population in some districts was compulsorily evacuated—whilst in others most of the young children were sent away to "safer" areas in the country. This movement of population had a serious effect on the retailers affected, because the requirements of members of the Navy, Army and Air Force were not equal to the business done with the pre-war civilian population. In a few instances businesses closed down

altogether for the duration of the war, but the majority have remained open.

### Effects of Bombing

Later on came the night bomber over industrial centres and certain other localities. In towns such as Hull, Bristol, Plymouth, London, Liverpool, Manchester, etc., large areas have been destroyed, including many retail shops, pharmacies among them. Plans had, however, been made, well ahead, against these contingencies. A joint scheme is in operation in most areas whereby any pharmacist who has suffered damage of this kind is enabled to open temporary premises, at which he is supplied with an amount of stock and equipment from other pharmacies in the area. It is, therefore, interesting to note that probably under 2 per cent—under 600—retail pharmacists have gone out of business since the war began, most of them because of "blitzes," or being badly situated in defence areas. Conversely, pharmacists in "evacuation" areas find business very good, owing to greatly increased populations. To help manufacturers to adjust the distribution of their goods, the Government has issued statistics showing alterations in the population in various areas.

### Military Service and Exemptions

There are about 25,000 qualified pharmacists in Great Britain, and until recently all pharmacists aged twenty-five and over were exempted from military service. Recruiting demands were heavy, however, and at least 5,000 pharmacists are now being registered for military service. This may cause a number of "one-man" businesses to close in the near future, and it will certainly add to the difficulties of maintaining an adequate pharmaceutical service to the public. Despite the fact that in the winter of 1941 considerable proportions of the community in large towns spent most of their nights in communal shelters, the health of the community, thanks to efficient medical and pharmaceutical supervision, and possibly also to rationed diets, is good, and there has been, generally speaking, freedom from epidemics.

### Purchase Tax

The imposition of what is called a purchase tax on a large range of goods became operative on October 21, 1940; most drug-trade products are affected. The tax varies from 16½ per cent. to 33½ per cent. [now 66½ per cent.] of the selling price. This tax is passed on to the consumer, but the



retailer pays the tax in the first instance, and only gets it back when the goods are sold. This means that some additional capital has to be locked up. The supply of cosmetic preparations is controlled by Government order. Large manufacturers have to be registered, and must keep their supplies both to wholesalers and retailers within a quota of 25 per cent. of supplies distributed during the standard period June 1939 to May 1940. Retailers may make only up to a value of \$165 worth of such preparations a month. Cosmetics and other goods in short supply, such as milk foods, razor blades, etc., are all equitably distributed by the makers.

### Price Regulation

Price-regulation orders apply to the majority of goods sold in pharmacies. The selling price is controlled, and only the pre-war amount (not rate) of profit is permissible, which means that if an article cost the retailer 66 c. pre-war, and he had sold it for \$1.00, if he now has to pay \$1.00 for it he can only sell it for \$1.34. If, however, he can prove that his cost of distribution has increased, he is entitled to add the amount of the increased expenses. Prosecution quickly follows even the slightest infringement, on complaint by the buyer, but here again little trouble has been experienced. As prices of nearly all commodities are now controlled, there is little profiteering. In the event of a gas attack, citizens are to be able to obtain bleach cream gratis, within a reasonable distance of the home, and pharmacists have been asked to place outside their premises, in an emergency, buckets of the bleach provided by the Government. This they have agreed to do without payment for their services. Photographic business has suffered. Cameras are forbidden in many areas, and as makers of films are busy on war work, supplies of cameras and films are poor. Dispensing business has been well maintained, despite the absence of any serious epidemic. National Health Insurance and private prescriptions are well up to normal standards. Surgical dressings have been in good supply, and sales of these products are well up to the average—due, no doubt, to the number of people engaged on munition work and to black-out accidents.

### Registers of Technical Men

Shortly before the war the Government arranged with various bodies to compile special registers of technical men. One of these registers was prepared by the Phar-

maceutical Society; it contained particulars of all chemists who had passed the Pharmaceutical Society's examination, giving particulars of any special qualifications they may have had. This register was primarily intended to supply specialists to Government departments. With the introduction of compulsory military service, the Pharmaceutical Society compiled a further list of pharmacists, and has set up a Central Pharmaceutical War Committee to look after the recruiting of pharmacists to the Forces. This Committee decides which pharmacists can be spared, and which can be retained or deferred from military service. The Government aims at recruiting 2,000 to 3,000 more pharmacists than the 5,000 now being registered for military service; so it is likely, in the near future, that it will not be possible for one qualified person to be in each shop. Should this position arise, a standstill order may be issued, with the effect that employed pharmacists may not be required to serve in any particular area where there is a shortage of qualified personnel. Pharmacists who have remained in civilian life have nearly all taken up Civil Defence work, applying themselves particularly to first aid, gas detection and decontamination. There has been a tendency since the beginning of the war for retailers to sell classes of goods in which they had hitherto not dealt. The Government, doubting the desirability of this development, set up a Committee of Inquiry into retail trade in everything except foodstuffs. An interim report has been issued, and action has been taken on it by the Government. The effect is that a retailer may sell any class of goods in which he did not deal prior to a certain date. From January 1, 1942, it has been necessary to secure authority before a new shop may be opened in any class of retail business. Applications for the opening of new pharmacies are expected to be few, in view of the shortage of qualified personnel.

### Copies Sent to All Members

After the address, one member immediately proposed that a copy of the address should be circulated to all members of the Chain Drug Stores, and also to the manufacturers. The president felt the information was of such importance that the members would be vitally interested in receiving it at the earliest possible moment, and, in consequence, it was arranged that it should be mimeographed immediately and sent out in advance of the distribution of the complete minutes.

# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

## ANNUAL REPORT

THE following passages are taken from the annual report of the Council of the Pharmaceutical Society for the Year 1941, presented to members of the Society at the annual general meeting held on May 20:

**Registration.**—The total number of persons whose names were on the Registers of Pharmaceutical Chemists and Chemists and Druggists at the end of the year was 24,869, a decrease of fifty-two. Persons acting as superintendents of limited liability companies, firms or partnerships under the Pharmacy and Poisons Act, 1933, numbered 2,080, an increase of eight. The number of persons registered during the year as "Apprentices or Students" was 440, a decrease of 199. The number of premises registered under Section 12 of the Pharmacy and Poisons Act, 1933, was 14,924, a decrease of 386.

**Examinations.**—The number of entries, including re-entries, for the whole or part of the Intermediate examination was 828, and 358 candidates passed; the corresponding figures for the Chemist and Druggist Qualifying examination were 1,080 and 545. There were eighty-two entries for the Pharmaceutical Chemist Qualifying examination and fifty-one candidates passed. Eleven candidates qualified for the Diploma in Biochemical Analysis.

**Legal.**—The number of pharmacies inspected was 9,233 and of other shops 4,343. The figures for 1940 were 12,479 and 2,344 respectively. Proceedings were authorised in fifty-two cases of infringement of the law, being nine more than in 1940. Warning letters were sent in a number of other cases of infringement. The premises of 1,167 listed sellers of poisons were inspected by the Society's inspectors, acting on behalf of thirteen local authorities. The Pharmacy and Medicines Bill was passed in August, and during the remainder of the year much time and attention was taken up in preparing the necessary administrative machinery, in providing information, and in dealing with questions about the various sections of the Act.

**Education.**—The amended examination regulations and by-laws submitted to the Privy Council during the previous year were approved. Two further amendments in the examination regulations were made. These amendments were awaiting approval by the Privy Council at the end of the year.

Two developments took place in relation to foreign pharmacists and students in this country. One was an agreement made with the Czechoslovak Government whereby the Society would examine certain Czechoslovak pharmacy students for the purpose of their registration as pharmacists under Czechoslovak law. The other was the institution of a six weeks' course

of study in British pharmaceutical methods for foreign refugee pharmacists at the Society's College. It was attended by seven students, who subsequently had no difficulty in finding employment, though necessarily in the capacity of assistants, since they were not eligible for registration as pharmacists in this country.

The question of securing exemption for pharmacy students, on the ground of the severity of their course, from the part-time national service required generally of students of military age was considered, but while recognising that the course taken by pharmacy students was unusually severe, the Council decided it was not desirable that such students should be exempted as a class, but that each case should be considered on its merits. The Scholarships Examination Regulations were amended, extending temporarily the age of eligibility for entry by one year to provide for the difficulties of study under war-time conditions.

Under the scheme of the Red Cross for providing educational facilities for prisoners-of-war, the Council decided to supply each pharmacist prisoner-of-war with copies of the British Pharmaceutical Codex and the Extra Pharmacopœia and with notes for post-graduate study prepared by the staff of the Society's College. Letters of appreciation of this decision have been received from the pharmacists concerned.

**The College.**—The School of Pharmacy and the Pharmacological Laboratories continued in their temporary war-time quarters at University College, Cardiff, and the National Institute for Research in Dairying, Shinfield, Reading, respectively, and the Council acknowledge with gratitude the continued hospitality which these departments received. The number of students enrolled for the 1941-42 session was twenty-four for the first and fourteen for the second year.

Twenty-eight persons were engaged in research work (ten of them full-time); eighteen research papers were published during the year.

An interesting development in the research work of the College was the formulation on the initiative of the John Innes Horticultural Institution of a scheme of collaboration with that institution to improve the content of active principle of certain plants yielding important drugs, the College conducting the necessary biological and chemical assays.

**The Society's House.**—No alterations were made during the year in the arrangements for housing the Society's activities. Further portions of the accommodation in the Society's House, which had been vacant since the evacuation of the College, and certain administrative departments, were let. All the accommodation





instituted between the Committee, the Ministry of Health and the Ministry of Labour and National Service with a view to securing the reservation of these classes of women when they became subject to the National Service Acts, and application was made to secure the exemption of such women between 20 and 30 years of age from the provisions of the Employment of Women (Control of Engagement) Order.

When the Location of Retail Businesses Order, 1941, was made, the Central Pharmaceutical War Committee approached the Board of Trade with a view to securing consultation between the District Pharmaceutical War Committees and, where necessary, the Central Committee, and the Local Price Regulation Committee before applications were granted for the opening of new pharmacies.

Steps were also taken to secure the utilisation of the services of pharmaceutical chemists by the Ministry of Supply. No improvement took place during the year in the position of pharmacists in relation to pharmaceutical duties in the R.A.F., the authorities not seeing their way to accept the Society's representations that personnel should be engaged on conditions similar to those in the R.A.M.C.

**Public Services.**—In 1937 the Society submitted to the Colonial Office a memorandum on the pharmaceutical services of the Governments of the East and West African colonies. The memorandum was submitted by the Colonial Office to the various Governments concerned, together with certain proposals based upon it. The replies of the various Governments were reported to the Society at the beginning of the year, and showed that some progress had been or would be made in the direction desired by the Society. When the Medical Planning Committee of the British Medical Association was established the Council took steps to bring to the notice of the Association the importance of pharmacy in any scheme for improving the health services, and received an assurance that any representations the Society might wish to make on the matter at the appropriate time would be considered. Among other matters to which attention was given during the year were the pharmaceutical arrangements in the R.A.M.C., Voluntary Aid Detachments and the Home Guard, the method of appointment of pharmacists in E.M.S. hospitals, the salaries of hospital pharmacists, the A.R.P. bleach cream scheme, the association of pharmacists with A.R.P. first-aid posts and medical aid posts, and the method of distribution of Government-sponsored vitamin preparations.

**Scotland.**—The Council are pleased to place on record their thanks to the Executive of the North British Branch and the Resident Secretary and his staff for the assistance rendered during the year in the management of the Society's affairs in Scotland.

**Committee of Inquiry.**—The Committee of Inquiry completed their work during the year and issued the second part of their Report. With a view to working out detailed plans, the Council appointed a Planning Committee.

**Obituary.**—The Council regret to have to record the death of 290 members of the Society and a number of other persons who were closely connected with it.

**Libraries and Museums.**—Books circulated by the Library in London numbered 8,623 against 7,027 in 1940, and 2,475 by the Library in Edinburgh, against 1,704 in 1940. The total of volumes added to the libraries was 139; of these twenty-one were donations. It was decided that the Society should bear the cost of replacement of books on loan to members which might be destroyed by enemy action.

**Benevolence.**—The income of the Benevolent Fund for general purposes was £6,490, of which £2,928, a decrease of £307, was derived from subscriptions and deeds of covenant. The expenditure on casual grants for 167 persons was £4,359, against £4,500 for 209 in 1940, and the expenditure on annuities £1,975. The number of annuitants at the end of the year was 37, a decrease of one, and it was decided to elect two additional annuitants. The income from the Hills Orphan Fund investments was £214, and one orphan was maintained by the Fund at the Royal Wanstead School. The income of the Orphan Fund from subscriptions and deeds of covenant was £362, an increase of £132. There were no grants from the Orphan Fund or from the Supplementary Benevolent Fund during the year. The Council desire to make clear that the demands upon and need for the Benevolent Fund have not diminished.

**War Aid Service.**—The War Aid Fund continued to receive support throughout the year, contributions being received from both organisations and individuals. The amount of the Fund at the end of the year was £17,348 and the amount disbursed in grants was £1,104. The Council desire to record their thanks particularly for the interest and support shown by pharmacists overseas. Donations included £3,000 from Canada, £150 from Rhodesia, £400 from Victoria and £130 from Pretoria, and promises were received from the United States, where towards the end of the year a body named "Aid to British Pharmacists" was formed.

**Organisation.**—There was no change in the number of Branches during the year. Branch activity continued to be on a reduced scale. Speakers were supplied by headquarters to forty-six Branch meetings and other functions.

**British Pharmaceutical Conference.**—The seventy-eighth British Pharmaceutical Conference was held in London in April in conjunction with the Society's Centenary celebrations, and followed the lines of the Conference in the previous year, with the addition of a Branch Representatives' meeting.

**Centenary of the Society.**—The one hundredth anniversary of the foundation of the Society occurred in April and was celebrated in a manner which, if less elaborate and extensive than would have been the case in normal times, nevertheless served, the Council trust, appropriately to mark the occasion.



## FINANCIAL STATEMENT, 1941

## INCOME AND EXPENDITURE FOR THE YEAR ENDED DECEMBER 31

GENERAL FUNDS	EXPENDITURE		INCOME		SURPLUS	DEFICIT
	1941	1940	1941	1940		
EDUCATION	£	£	£	£	£	£
College .. .. .	10863	11813	3344	4400	—	7519
Museum .. .. .	265	103	—	—	—	265
Library .. .. .	925	678	—	—	—	925
Examinations .. .. .	11256	12005	16052	19548	4796	—
Miscellaneous .. .. .	242	322	—	—	—	242
	23551	24921	19396	23948	—	4155
Less Net Benefit from Pharmaceu- tical Trust .. .. .	636	755	—	—	—	636
	22915	24166	19396	23948	—	3519
LAW DEPARTMENT .. .. .	9724	9430	19136	19569	9412	—
BENEVOLENCE						
Benevolent Fund—General .. .. .	6334	6553	6490	6768	156	—
—War Aid .. .. .	1104	128	12564	4720	11460	—
Hills' Orphan Fund .. .. .	38	66	214	459	176	—
Orphan Fund .. .. .	—	480	362	232	362	—
Supplementary Benevolent Fund .. .. .	—	10	—	—	—	—
Conference Entertainments Fund .. .. .	—	—	40	17	40	—
	7476	7237	19670	12196	12194	—
ORGANISATION .. .. .	1588	1473	—	—	—	1588
PUBLICATIONS						
Pharmaceutical Journal .. .. .	7404	9431	—	—	—	7404
Quarterly Journal .. .. .	771	941	734	705	—	37
British Pharmaceutical Codex .. .. .	1253	1034	2449	1508	1196	—
Extra Pharmacopœia .. .. .	3685	2753	8476	1999	4791	—
Pharmaceutical Pocket Book .. .. .	181	186	301	242	120	—
Calendar .. .. .	500	426	439	319	—	61
Poisons Law .. .. .	—	110	—	1	—	—
Register (included under Law) .. .. .	—	—	—	—	—	—
History of Pharmacy .. .. .	6	17	18	19	12	—
Centenary Book .. .. .	402	—	342	—	—	60
Sundry Publications .. .. .	719	287	306	216	—	413
	14921	15185	13065	5009	—	1856
NORTH BRITISH OFFICE .. .. .	3841	3679	—	—	—	3841
HEADQUARTERS .. .. .	22938	19316	38218	40900	15280	—
PREMISES .. .. .	—	—	1907	2325	1907	—
MISCELLANEOUS						
Superannuation .. .. .	2748	2860	—	—	—	2748
Pensions .. .. .	2326	2603	—	—	—	2326
Subscriptions to other Bodies .. .. .	2726	5250	—	—	—	2726
Sundries .. .. .	—	—	—	—	—	—
Interest on Loan against Mortgage, less Interest received .. .. .	3225	—	825	—	—	2400
	11025	10713	825	—	—	10200
	94428	9199	112217	103947	17789	—
SPECIAL TRUST FUNDS	11745	10565	13002	11552	1257	—
GRAND TOTAL .. .. .	106173	101764	125219	115499	19046	—

## ANNUAL MEETING

THE one-hundred-and-first annual meeting of the Society was held at 17 Bloomsbury Square on May 20, the president (Mr. Walter Deacon, C.B.E.), in the chair.

THE PRESIDENT, in moving the adoption of the annual report and financial statement, congratulated the secretary upon his recent parliamentary victory. He also paid tribute to the Committee of Inquiry and expressed the Council's indebtedness to the assistant secretary (Mr. Adams) for his part in the report.

### Discussion

MR. A. B. TETLEY expressed dissatisfaction at the cancellation of the Branch Representatives' meeting.

MR. A. HOWELLS also criticised cancellation. He said he had been one of the three dissentients in 1941, and no new reasons had been put forward. The Council had encouraged the secretary of the Society to stand for Parliament at a by-election where the poll was only 23 per cent. of the electorate: if that was satisfactory for a Parliamentary electorate it should be satisfactory for the Society. He also disapproved of the suggestion that pharmacists should be prepared to enter the Forces in a non-professional capacity.

MR. H. G. TIBBETT expressed approval of a census for pharmacy, but suggested that it should be voluntary.

MR. W. S. BENJAMIN deplored that there had been no reference to the status of employees in pharmacy. Employees' interests had been ignored in the postponement of the Council election, in their inadequate representation, particularly on the war committees, and in the constitution of the Planning Committee. The questioner called attention to the present restriction of supplies of medicinal substances, particularly "ethical" proprietary articles. N.H.I. prescriptions were "rolling in" for these rationed proprietaries, and the man in private pharmacy was faced with the question whether to reserve his small stocks for counter sale and private dispensing, or let them go with 2d. or 3d. as his entire profit.

MR. J. MILNER said that the 1941 Act was scurvy treatment of the public, who were deprived of the protection they formerly enjoyed through the stamp duty and the licence. The call-up position was worse this year than last. It was impossible to get a locum or find anyone to replace him if he were sick. There was no member of the Central War Committee with practical experience of shop conditions in a busy district with many N.H.I. prescriptions.

MR. L. HAYWARD said he was glad that inspectors were at last paying more attention to non-pharmaceutical premises. Were they able to inspect dispensaries in the R.A.F.? He had not yet heard of any prosecutions under the 1941 Act for noxious advertisements, although they were still appearing. The College, he thought, should be brought back to London. He congratulated the Library department on its work, but regretted that the Museum should be costing £5 a week, whereas last year it had

cost less than £2 5s. a week. Organisation expenditure also was up although many members were in the Forces.

MR. N. BOOTH was surprised to find no reference to a Public Relations Officer.

MR. F. H. MYLROI said little attention had been paid to the finance of the future. He suggested that the Council should seriously consider raising the retention fee.

### President's Reply

THE PRESIDENT said the Branch Representatives' meeting had not the same importance as the scientific papers, which were a definite contribution to the war period and would be published. The local war committees included members of the pharmaceutical committees, plus not more than two representatives of local insurance committees. Representatives of employees were included in many cases.

"With regard to employees, you will notice that I did not refer in my speech either to employees or to employers. The Society exists to look after the interests of pharmacists, and not of any particular section." The subject of employees, however, was dealt with in the report of the Committee of Inquiry, and the Planning Committee would be glad to receive a memorandum from employees, or anybody else. The inspectors did their best to carry out the law, whether in respect of pharmacists or of non-pharmacists. They had no power to inspect R.A.F. dispensaries.

No action had been taken yet with regard to noxious advertisements, but the Law Committee and a subcommittee of the Publications Committee were working hard to find a basis for action. The removal of the College could not be done speedily, but the Council had decided that it was wisest not to make any alteration at present, in view of the international situation. The cost of the Museum was a matter of laying in stocks for the future, higher expenditure on fire-watching, war bonuses, and so forth. The Council was fully conscious of the need for a Public Relations Officer. As for an increased retention fee, the speaker who recommended that was evidently not a candidate for election to the Council.

The report and accounts were adopted with seven dissentients.

### Appointment of Auditors

On the motion of THE PRESIDENT, seconded by THE VICE-PRESIDENT, the following were appointed honorary *Auditors* for the ensuing year: Sir Harry Hague, Messrs. Charles Alexander Hill, James Stuart Hills, Edgar James Millard, and Ernest Albert Umney.

### Council Election

THE SECRETARY reported the issue of an Order in Council extending the term of office of the present members of Council and authorising postponement of the annual election.

**Special Meeting of Council.**—Prior to the annual meeting a special meeting of the Council was held, at which the order of proceedings to be adopted at the annual meeting was approved.



# TRADE REPORT

Spot prices for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

## 28 Essex Street, W.C.2, May 27

BUSINESS in all sections of the London drug and chemical markets continues quiet, with few important price changes. PHARMACEUTICAL CHEMICALS have again been in routine demand, but price movements have been negligible. Revised package charges are announced for ATROPINE and other alkaloids to cover the increased cost of materials and labour; the new schedule (see under ATROPINE) comes into force immediately. Trade in CRUDE DRUGS has been slow, the only bright feature being a rather good consuming business in some items. Prices are fully maintained at about the levels noted last week, and the tone throughout is firm. Odd bales of unrestricted AGAR continue to find buyers, but prices are high. Cape ALOES is attracting some interest, and prices are maintained. BUCHU LEAVES is firmly held and some forward offers are reported made at prices about level with those now ruling on spot, subject to buyer's licence. It is understood that permission to purchase CAMPHOR is not readily being granted, except for approved medicinal uses. Plentiful supplies of ERGOT are available, but sales are not important. A moderate inquiry has been received for MENTHOL, and any seller of Chinese at under about 70s. per lb. would have no difficulty in disposing of his stock. Sound unassorted West Indian NUTMEGS is slightly dearer. Offers from India of NUX VOMICA quote a forward figure that would indicate a higher spot price. A fair spot business is reported in RHUBARB. Little of interest has occurred during the past few days in ESSENTIAL OILS, and prices remain at about the levels recorded last week. Quotations for ANISE (STAR) are increasingly difficult to obtain. Inquiries for PEPPERMINT are still coming in, but the supply position remains restricted.

## Exchange Rates on London

The following were Bank of England fixed rates at the opening on May 27: New York, 4.03 dollars; Montreal, 4.45 dollars; Lisbon, 100 escudos; Stockholm, 16.90 kroner; Zurich, 17.35 francs; Buenos Aires, 17.02 paper pesos; Netherlands West Indies, 7.60 florins. The official Madrid rate remains at 46.55 and the free rate at 40.50 pesetas. The Chinese national dollar is at 3 $\frac{1}{2}$ d

## Pharmaceutical Chemicals

ACETANILIDE.—Makers' prices unaltered as follows: B.P.C. crystals and powder, 2s. 4d. to 2s. 6d. per lb. The supply position is unchanged.

AMPHETAMINE.—British makers state they can supply at about 150s. per lb.

ASPIRIN.—In fair demand at unchanged prices, full details of which were given last week (p. 499). Makers' prices for tablets are steady, as follows: Under 5,000, 3s. 3 $\frac{1}{2}$ d.; 5,000, 3s. 1 $\frac{1}{2}$ d.; 10,000, 3s. 0 $\frac{1}{2}$ d.; 25,000, 2s. 10 $\frac{1}{2}$ d.; 50,000, 2s. 9 $\frac{1}{2}$ d.; 100,000, 2s. 8 $\frac{1}{2}$ d.; 250,000, 2s. 8d.; 500,000, 2s. 7 $\frac{1}{2}$ d.; 1,000,000, 2s. 6 $\frac{1}{2}$ d.; 2,000,000, 2s. 5 $\frac{1}{2}$ d. per 1,000.

ATROPINE.—Makers' prices are at the following levels: ALKALOID, 28s. per oz.; 4 oz., 28s. 6d., and 25 oz., 28s. per oz. SULPHATE, 23s. per oz.; 4 oz., 22s. 6d., and 25 oz., 22s. per oz. Revised package charges have now been adopted to cover the increased cost of materials and labour, and the following schedule comes into force immediately:—

	Under 1 oz. or under 25 gm.	1 oz. or 25 gm.	2 oz. or 50 gm.	4 oz. or 100 gm. and over
Bottles (corked)	4d.	4 $\frac{1}{2}$ d.	5d.	included
„ (stoppered)	7d.	7d.	8d.	included

Tubes: 5-gr., 10-gr., 15-gr. or 1-gm., all 17s. 6d. per 100 tubes.

BENZOIC ACID.—Supplies are obtainable for medical purposes at about 2s. 6d. to 3s. per lb., according to quantity.

BENZYL BENZOATE.—Makers state that reasonable supplies may be had for therapeutic purposes. Prices remain at approximately 4s. 6d. to 5s. per lb.

BORAX.—Makers' prices per ton are as follows: B.P., granulated, £39 10s.; crystals, £40 10s.; and powder, £41. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial quality, £8 per ton less.

BORIC ACID.—Makers quote as follows: B.P., granulated, £60 15s. per ton; crystals, £61 15s.; and powder, £62 15s. One-ton lots and upwards delivered carriage paid in Great Britain, packed in one-cwt. bags. Commercial qualities are at £8 per ton below above prices.

CODEINE.—No changes have occurred in makers' prices: ALKALOID— $\frac{1}{4}$  oz., 43s. 3d. per oz.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. PHOSPHATE.— $\frac{1}{4}$  oz., 36s. 3d.; 1 oz., 33s. 9d.; 2 oz., 32s. 3d.; 3 oz., 31s. 6d.; 4 oz., 31s. 3d.

**GLYCERIN.**—Current rates for small quantities are as follows: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, 100s. per cwt. All prices are subjects to discount of  $2\frac{1}{2}$  per cent. for cash in twenty-eight days.

**Hexamine.**—About 2s. 3d. per lb. would be the present price of free-running crystals; fine ordinary would be at about 1s. 10d. per lb., in cwt. lots, packing extra but returnable.

**IODIDES.**—Makers' prices are steady: POTASSIUM IODIDE, B.P.—112 lb., 8s. 8d.; 28 lb., 9s. 2d.; 14 lb., 9s. 8d.; 7 lb., 11s.; 4 lb., 11s. 6d.; smaller quantities, 12s. per lb. SODIUM IODIDE, B.P.—28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 7d.; 4 lb., 12s. 3d.; smaller quantities, 13s. 1d. per lb. IODOFORM, B.P.—28 lb., 12s. 1d.; 14 lb., 12s. 7d.; 7 lb., 14s. 9d.; 4 lb., 15s. 7d.; smaller quantities, 16s. 5d. per lb.; crystals, 2s. per lb. extra. IODIDE RE-SUBLIMED, B.P.—112 lb., 9s. 11d.; 28 lb., 10s. 5d.; 14 lb., 10s. 11d.; 7 lb., 12s. 6d.; 4 lb., 13s. 2d.; smaller quantities, 13s. 11d.

**METHYL SALICYLATE.**—Supplies remain restricted, but prices are without change, as follows: Five cwt., 1s. 10d. per lb.; one cwt., 1s. 10 $\frac{1}{2}$ d.; smaller lots, in bottles, 2s. 0 $\frac{1}{2}$ d. per lb.

**PHENAZONE.**—Any available small supplies would be worth about 19s. per lb.

**PHENOLPHTHALEIN.**—The following are makers' present prices: Less than 7 lb., 4s. 3d. per lb.; 7 lb., 4s. 2d.; 14 lb., 4s. 1d.; 28 lb., 4s.; 1 cwt., 3s. 11d.

**PILOCARPINE.**—As recently recorded, makers' prices per oz. were advanced on March 5, as follows:—

	1 oz.	4 oz.	25 oz.
	s. d.	s. d.	s. d.
Pilocarpine base ..	27 0	26 6	26 0
Pilocarpine hydrochloride ..	21 3	20 9	20 3
Pilocarpine nitrate ..	18 6	18 0	17 6

**SALICYLIC ACID (B.P.).**—Makers' prices are steady at the recent increase:—

In containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 8 $\frac{1}{2}$	—	—	—	—
From 4 lb. ..	2 7 $\frac{1}{2}$	2 5 $\frac{1}{2}$	—	—	—
From 7 lb. ..	2 6 $\frac{1}{2}$	2 4 $\frac{1}{2}$	2 4 $\frac{1}{2}$	—	—
From 14 lb.	2 5 $\frac{1}{2}$	2 3 $\frac{1}{2}$	2 3 $\frac{1}{2}$	2 3	—
28 lb.—1 cwt.	2 4 $\frac{1}{2}$	2 2 $\frac{1}{2}$	2 2 $\frac{1}{2}$	2 2	2 1 $\frac{1}{2}$
1-5 cwt. ..	2 0 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 10*	1 9 $\frac{1}{2}$

\* 8 x 14 lb. and upwards, in one delivery,  $\frac{1}{2}$ d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

**POTASSIUM PERMANGANATE.**—Makers' prices steady: B.P., in 1-cwt. drums.—From 1 cwt., 1s. 10d. per lb.; from 3 cwt., 1s. 9 $\frac{1}{2}$ d. Technical, in 1-cwt. drums.—From 1 cwt., 17os. 6d. per cwt.; from 3 cwt., 166s.; from 5 cwt., 163s. 6d.; from 1 ton, 161s.; from 4 tons, 158s. 6d.

Technical, in 5-cwt. drums.—From 5 cwt., 161s. per cwt.; from 1 ton, 158s. 6d.; from 4 tons, 156s. 3d. Net, delivered nearest railway station in Great Britain, drums extra and returnable.

**SANTONIN.**—Prices for the home trade are: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

**SULPHONAL.**—Holders of any available small supplies would require at least 47s. 6d. per lb.

**THEOBROMINE.**—Limited quantities of British made materials are stated to be available at the following prices (cases and tins extra when supplied):—

	56 lb. to 1 cwt.	28 lb. to 56 lb.	Lesser quantities
	lb. s. d.	lb. s. d.	lb. s. d.
Alkaloid ..	44 6	46 0	47 6
Sodium benzoate ..	27 0	28 6	30 0
Sodium salicylate ..	27 10	29 4	30 10
Calcium salicylate ..	36 9	38 3	39 9

**VANILLIN.**—Makers' prices are without change as follows: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

## Crude Drugs

**ACONITE ROOT.**—Small supplies of Indian root are stated to be available on spot at around 2s. 6d. per lb.

**AGAR.**—There is no change to record, and prices of any available supplies would be as follows: Kobe No. 1, unrestricted, from 60s. to 65s. per lb. Bacteriological, approximately 25s. to 30s. per lb.

**ALOES.**—The spot market for Cape remains firm at between 62s. and 65s. per cwt., according to quality and holder; demand is moderate. The position of Curaçao is unaltered.

**ANTIMONY.**—Current prices are at the following levels: English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton, delivered.

**ARECA NUTS.**—Spot supplies are reported to be exhausted, and no quotations are available.

**BALSAMS.**—Spot prices are as follows: *Tolu*, about 9s. 6d. per lb.; *Copaiba*, B.P., 9s. per lb., nominal; *Canada*, about 7s. 6d.; *Peru*, 7s. 9d.

**BENZOIN.**—Spot prices remain at about the levels noted last week, i.e. from £12 to £16 per cwt. for Sumatra, according to holders' ideas, and about £30 per cwt. for free almondy.

**BISMUTH METAL.**—High-grade unchanged at 6s. 3d. per lb., for minimum 5-cwt. lots.

**BUCHU.**—Any available spot supplies would be firmly held for about 5s. 9d. to 6s. per lb., according to quality.

**CALUMBA ROOT.**—Good washed root would be worth approximately 160s. per cwt. on spot.



**CAMPHOR.**—In steady consuming demand. Prices to approved customers are as follows: Chinese, B.P., 11s. 6d. per lb.; Chinese crude (92 per cent.), about 10s. per lb.; Japanese slabs, about 11s. 6d. per lb. Restricted quantities of English synthetic, B.P., are understood to be available to approved consumers at 7s. per lb. It is reported that permission to purchase is not being readily granted, except for approved medicinal purposes.

**CANTHARIDES.**—There are no spot supplies and no quotations are available.

**CARDAMOMS.**—Demand is small, and prices are unchanged. Current rates are as follows: Aleppy greens, spot, about 5s. 6d. to 5s. 9d. per lb.; shipment, 4s. 4½d., c.i.f. Aleppy seed, spot, about 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, about 4s. 9d. per lb.

**CASCARA SAGRADA.**—The price to users for material imported under the Lease-Lend arrangement will be 150s. per cwt., ex store. Some 1940 peel is reputed available on spot at about 250s. per cwt.

**CASCARILLA.**—Dealers would require about 2s. 6d. per lb. for sittings on spot; supplies of quills are exhausted.

**CHILLIES.**—Business quiet, values unchanged. Zanzibar, spot, 180s. per cwt.; Mombasa, 180s., sellers; Sierra Leone and Sudan, both 175s., duty paid.

**CLOVES.**—Zanzibar, lower on spot at 2s. 3d. per lb., sellers; afloat nominal; Madagascar unquoted.

**COCOA BUTTER.**—Except for supplies sold under licence, the price remains at the officially-fixed figure of 1s. 5½d. per lb., ex factory or warehouse.

**COCONUT (DESICCATED).**—The official maximum price remains at 49s. per cwt.

**COLCHICUM.**—Indian, spot, about 2s. 9d. to 3s. per lb., if available.

**COLOCYNTH.**—No spot supplies are available to meet the continued demand.

**DANDELION ROOT.**—Dealers would require from 125s. to 135s. per cwt. for any remaining spot supplies.

**DIGITALIS LEAVES.**—Portuguese leaves, on spot, quoted at between 110s. to 125s. per cwt., according to seller.

**DRAGON'S BLOOD.**—Fair re-boiled, nominal on spot at £40 per cwt.

**ERGOT.**—Spot supplies are plentiful, but business is slow. Spot, about 7s. to 7s. 3d. per lb.; shipment, about 7s. per lb., c.i.f.

**GINGER.**—Quotations nominal as follows: West African, spot, 195s. per cwt.; Cochin, unwashed, 187s. 6d.

**GRAINS OF PARADISE.**—The spot value of any small available supplies would be in the region of 1s. 10d. per lb.

**GUM ACACIA.**—Unchanged. Kordofan cleaned sorts, spot, unrestricted, about 230s. per cwt., and restricted, about 192s. 6d.; shipment, 72s. 6d., c.i.f.

**HYDRASTIS.**—Users of material brought in under the terms of the Lease-Lend arrangement will pay 22s. 6d. per lb., ex store, with extra for repacking.

**IPECACUANA.**—Business fair, with values firm. Matto Grosso, spot, about 17s. 6d. to 18s. per lb., according to test; shipment offers are difficult to obtain, but about 17s., c.i.f., would be the price. Minas, spot, about 12s. 6d. per lb.; shipment, between 11s. 3d. and 11s. 6d. per lb., c.i.f. Current prices for EXT. IPECAC. LIQ., in winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

**JABORANDI.**—For fair quantities on spot about 55s. to 60s. per cwt. would be required; smaller lots would be dearer.

**JALAP.**—Brazilian, 16 per cent., spot, about 90s. per cwt.; forward, 13 per cent. basis, about 62s. 6d. per cwt., c.i.f.

**LEPTANDRA ROOT.**—The price to users for supplies imported under the Lease-Lend arrangement will be 1s. 10d. per lb., ex store.

**LOBELIA HERB.**—The spot price for supplies imported under the Lease-Lend arrangement will be 2s. 8d. per lb., ex store.

**MENTHOL.**—Moderate inquiry has again been received, and some Chinese is reported sold on spot at 71s. to 72s. 6d. per lb. Japanese, if available, would fetch around 74s. to 75s. per lb.

**MERCURY.**—Prices for quantities of over 7 lb. are subject to the Control of Mercury (No. 6) Order (C. & D., May 10, p. 295). Quantities of 7 lb. and under were decontrolled by the Control of Mercury (No. 7) Order (C. & D., October 18, p. 86). Official prices range between £48 and £48 15s. per bottle of 76 lb., ex warehouse London.

**NUTMEGS.**—West Indian, sound unassorted, are dearer on spot at 2s. 3d. per lb.; other grades unchanged.

**NUX VOMICA.**—In fair inquiry, with washed and garbled Cochin on spot at between 37s. and 40s. per cwt.; offers from India quote a c.i.f. price of 37s. 6d. to 40s. per cwt., which would indicate a considerably higher spot price.

**ORANGE PEEL.**—Curaçao bitter quarters, spot, about 3s. 9d. per lb.

**PEPPERS.**—Unpicked whole black Lampong, spot, in bond, 5d. per lb.; white Muntok, 8d.

**PIMENTO.**—No change in spot price of 2s. 4d. per lb., sellers; shipment, May-June, 160s. per cwt., c.i.f., nominal.

**PODOPHYLLUM RESIN.**—The price to users under the Lease-Lend arrangement will be 27s. 6d. per lb., ex store.

**PSYLLIUM SEED.**—Indian quoted for shipment at 65s. per cwt., c.i.f.

**QUASSIA CHIPS.**—No spot supplies appear to be obtainable, and replenishments are not expected for some time.

**RHUBARB.**—Inquiry has been sustained, and fair spot business is reported done in rough-and at between 7s. 3d. and 7s. 9d. per lb., according to holder and quality. Small supplies of Shensi, if available, would be worth about 5s. 6d. to 10s. per lb.

**SARSAPARILLA.**—Native reddish, in small supply on spot, about 2s. 9d. to 3s. per lb.

**SEEDS.**—**ANISEED.**—No supplies are available. **CANARY.**—None available. **CARAWAY.**—No supplies are available. **CORIANDER.**—Indian, spot, none available at present; English, quoted at 220s. **CUMIN.**—Malta, 165s. to 170s., duty free; Indian, 165s. **DILL.**—Spot, quoted at 170s. **FENNEL.**—Indian, spot, 97s. 6d., duty free. **FENUGREEK.**—Nothing available. **MUSCARD.**—English, 130s. to 140s., as to quality.

**SENEGA.**—Any available small spot supplies would be worth about 7s. 6d. per lb.

**SENNA.**—Unchanged. Alexandrian medium and-picked pods, about 4s. 6d. to 5s. 6d. per lb.; Alexandrian leaves, broken, about 1s. 4d. per lb.; Tinnevely pods, 1s. 3d. to 1s. 5d. per lb. for selected and about 8d. per lb. for f.a.q.

**SHELLAC.**—Business quiet; values unchanged. Spot, standard TN orange, 200s. per cwt., blue; shipment unquoted. Pure button, unquoted; fine orange, 240s. to 290s. quoted.

**SLIPPERY ELM BARK.**—The spot price to users of bark imported under the Lease-Lend arrangement will be 1s. 6d. per lb., ex store.

**SQUILL.**—In ample supply at prices ranging from 75s. to 90s. per cwt., according to colour.

**STRAMONIUM LEAVES.**—Indian, spot, about 10s. to 105s., per cwt.

**STROPHANTHUS SEED.**—100 per cent. Kombé obtainable on spot at around 11s. per lb.

**TONKA BEANS.**—Spot stocks are restricted, but prices are unchanged at from 6s. 6d. to 9s. 9d. per lb. for any remaining supplies.

**TRAGACANTH.**—The principal medium grades are priced as follows: No. 1, white, £135; No. 2, white, £125; No. 3, white, £100; pale leaf, 90; amber leaf, £70; red and brown leaf, 45; red leaf, from £40; woody and hoggy, from £20, ex store.

**TURMERIC.**—Madras finger, sound quality, spot, 72s. 6d. paid; wormy, 70s.

**VALERIAN ROOT.**—Indian, spot, approximately 110s. to 120s. per cwt.

**WAXES.**—Unchanged. **BEE'S.**—Nominal on spot at 295s. per cwt.; in bond, no quotations; **Arabes-Salaam**, no quotations; **Japanese**, 340s. **ARNAUBA.**—Fatty grey, 520s., nominal; chalky grey, 515s.; **Primeira**, 600s. per cwt.

**WILD CHERRY BARK.**—The spot price under the Lease-Lend arrangement will be 9d. per lb., with extra for repacking.

**WITCH HAZEL LEAVES.**—In good inquiry, with some spot offers at 9d. per lb.

**WITCH HAZEL (LIQUID EXTRACT).**—Supplies imported from America under the Lease-Lend arrangement will be sold to users at 10s. 6d. per gallon, ex store.

## Essential and Expressed Oils

**ANISE (STAR).**—In fair inquiry, with quotations difficult to find at under 49s. to 52s. 6d. per lb. for drums; tins in cases, about 51s. to 53s. per lb., according to seller.

**BAY.**—Any available spot supplies would be worth from 11s. to 12s. per lb.

**BERGAMOT.**—The price of any remaining supplies would be a matter for negotiation, around 100s. per lb. being a basis.

**BOIS DE ROSE.**—The present value of spot oil would be around 35s. per lb.

**CAJUPUT.**—Firm but unchanged on spot at about 15s. per lb.

**CANANGA.**—In restricted supply, with spot unchanged at approximately 70s. to 80s. per lb.

**CASSIA.**—There are no stocks on spot, and no quotations can be obtained.

**CEDARWOOD.**—Nominal on spot at 6s. 6d.

**CITRONELLA.**—The spot price of Ceylon is firm at about 16s. 3d. to 16s. 6d. per lb. Java, about 19s. per lb., with considerably higher prices mentioned in some quarters.

**CLOVE.**—Prices quoted by English distillers are unchanged at 15s. 6d. to 18s. per lb.

**EUCALYPTUS.**—Steady on spot at from 5s. 9d. to 6s. per lb. for 70 to 75 per cent. oil, but higher prices would be asked for small lots.

**GERANIUM.**—Prices are nominal and a matter for negotiation.

**GINGERGRASS.**—Obtainable on spot in limited quantities at about 25s. per lb.

**GROUNDNUT.**—The official price of refined deodorised is without change at £44 10s. per ton, naked ex works.

**LAVENDER.**—Good-quality oil would be worth about 85s. per lb. on spot.

**LEMONGRASS.**—Firm and unchanged at about 18s. 6d. to 21s. per lb., spot, as to quantity.

**LINSEED.**—The official quotation for crude oil is unchanged at £41 10s. per ton, naked ex works.

**PALMAROSA.**—About 35s. per lb. would be wanted for spot; shipment, about 27s., c.i.f.

**PATCHOULI.**—Spot quotations are nominal at 70s. per lb.

**PEPPERMINT.**—Spot supplies are becoming increasingly difficult to find. For Chinese, spot, about 77s. 6d. to 80s. per lb. would be required. American oil is reported offered at about 103s.

**PETITGRAIN.**—The value of any available spot supplies would be in the region of 25s. per lb.

**ROSE (OTTO).**—About 300s. per oz. would be the spot value of any available supplies.

**SANDALWOOD.**—Genuine East Indian Mysore remains at the higher level of 32s. 6d. per lb., for delivery in one-case lots. Australian would be at about 28s. 6d.

**THYME.**—Medium-quality oil on spot would be worth approximately 16s. per lb.

**WORMSEED.**—Nominal on spot at 25s. per lb.



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Proposed Dispensing Fee

SIR,—The letter from the Ministry of Health to the Executive of the National Pharmaceutical Union as reported in the *C. & D.*, May 23 (p. 563), displays the same disregard for our status as has been shown by every Government department with which pharmacists come into contact. To make the suggestion that chemists accept such a pittance and to make it conditional that no representations be made on the termination of the contract is an insult to our profession. It would appear that this Ministry considers chemists are amply recompensed for the work done, but a visit to one or two pharmacies and a discussion with their owners would make them realise the inadequacy of their one-sixth increase. How long we shall tolerate the dictatorial attitude of such bureaucratic organisations depends on pharmacists alone. We must back the N.P.U. wholeheartedly and refuse to touch such poorly paid work. I have heard it stated that a State medical service would be an improvement, and that we should have our rightful place in this structure. If this is so and if the Ministry of Health organise it chemists may find they are paid almost as well as the city dustmen.

Yours faithfully,

Bath.

D. I. TUDDENHAM.

### The C.F. Scheme

SIR,—The time has come for pharmacy to make its mind up. Having toyed with the C.F. scheme for six years, picking out the plums and reaping the obvious advantages without putting anything in, we are now at the cross-roads and must decide which path we are going to tread. Make no mistake—the decision is vital. Just doing nothing about it will put pharmacy back years to the time when popular patent medicines sold for less than cost price. The war will not last for ever and then we shall have to meet the full blast of competitive business. Are we going to put ourselves in competition with every bazaar and corner shop? Or are we going to be individualists with a definite niche in the public mind, selling goods of recognised worth which are unobtainable elsewhere? It is

no use waiting for some benevolent government to confer on us the title of "Legitimate sellers of medicine." We must adopt the title here and now and live up to it. The public will accept us at our own valuation and no legislation is required to substantiate an accomplished fact. Think of a slogan—"The chemist is the distributor of authentic medicines." Think of it when you dress your window. Think of it when you talk to customers and when you write advertisement copy. Think of it when the army travellers is let loose on us after the war and see if their goods pass the test. It might save you from turning your pharmacy into a hardware store. Mr. Mallinson has thrown down the challenge—All or Nothing—Forward or Backward—it is for us to decide. Let the decision be unanimously in favour of the C.F. scheme and pharmacy united will be a power to reckon with.

Yours faithfully,

Southport.

A. L. DRAKE.

## MISCELLANEOUS INQUIRIES

**Scurf Lotions and Purchase Tax.**—*B. Y.*—According to the Customs and Excise authorities, scurf lotions and pomades sold unperfumed as alleviating preparations are liable, under Class 18, to 33½ per cent. purchase tax. If, however, they are sold perfumed and put up as toilet preparations, whether medicated or not, they are liable under Class 18, to 66½ per cent. purchase tax.

**Water-soluble Ointment Base.**—*E. L.*—The following is a formula for a non-greasy stable ointment base which can be removed with water:—

Cetyl alcohol .. ..	6.4
Stearyl alcohol .. ..	6.4
Sodium lauryl sulphate ..	1.5
White soft paraffin .. ..	14.3
Mineral oil .. ..	21.4
Water .. ..	50.0

Melt the alcohols at about 65° C. and add the sodium lauryl sulphate, stirring well. Add the mineral oil and soft paraffin and stir until homogeneous. Allow the mixture to cool and slowly mix in the water.

**CLOSED ON SATURDAYS.**—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2 is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.* c/o The Pitman Press, Bath, Somerset.



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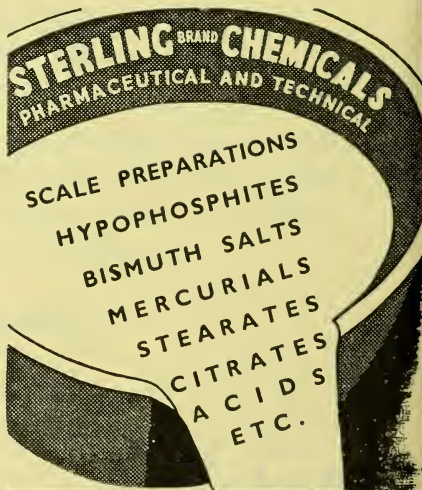
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PHONE: MARLBOROUGH 4074 (5 lines) CABLES: TYRERIMCO, LONDON CODES: AGC, BENTLEY'S

# ALKALOIDS

FINE CHEMICALS & OPIUM DERIVATIVES

ALOIN • ATROPINE • BISMUTH SALTS • CAFFEINE •  
CANTHARIDIN • CAPSICIN • CHLOROFORM • CHRYSAROBIN •  
CODEINE • DIAMORPHINE • ERGOTIN • ESERINE •  
ETHYL-MORPHINE • GINGERIN • JALAP RESIN •  
LEPTANDRIN • MORPHINE • OPIUM • PODOPHYLLIN RESIN •  
SALICIN • SANTONIN • SCAMMONY RESIN • STRYCHNINE  
AND OTHER PHARMACEUTICAL CHEMICALS AND PREPARATIONS.

**CHLORAL HYDRATE • EPHEDRINE**

*Goods covered by Dangerous Drugs Acts offered subject to all regulations*

## T. & H. SMITH LTD.

Blandfield Chemical Works, Edinburgh, 11  
32 Virginia Street, Glasgow, Cl.

*And at London*



### PHENOL

META-PARA CRESOLS  
ORTHO CRESOL  
CRESYLIC ACIDS  
XYLENOL MIXTURES

All prepared and standardised under direct  
personal control backed by 40 years' experience

### N. H. GRAESSER

The Chemical Works, SANDYCROFT, Nr. Chester  
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## ASPIRIN & SALICYLATES

We are endeavouring to  
distribute the limited  
supplies available to our  
many friends as equitably  
as possible.

### GRAESSER SALICYLATES LIMITED

*Manufacturers of Fine Chemicals*

**SANDYCROFT : Near Chester**

Telephone: HAWARDEN 2125  
Grams: "QUALITY" CHESTER



# Make the Most of your 'ASPRO' Display!

★  
*Stickers  
& Showcards  
Still  
Available  
but*

**PLEASE  
MAKE  
the  
BEST  
USE  
of  
ANY  
YOU  
HAVE!**

The latest paper control order has brought home to everyone how precious paper and board have become. We have always pointed out to chemists the importance to their own interests of using display material to the best advantage.

Now it has become a matter of vital concern to the nation. Existing stocks of showcards, stickers, etc., must be made to last. They cannot be replaced. Will you please help us by making the most of any 'ASPRO' showcards or stickers you already have. You will be doing the best possible service to your own business at the same time.

So remember: a continuous 'ASPRO' show will capitalise for your shop the vast 'ASPRO' goodwill created by our advertising campaigns—just as though you paid for the advertisements yourself.

**NOTE.**—We can still supply display material on request. If your present show is really worn out put it with your other salvage and please write us for new ones.

We have a limited supply of  
Chemists' 2 oz. bags available at  
7/6 per 1000

# 'ASPRO'

Made in England by  
**ASPRO LTD.**, Slough, Bucks.  
Telephone: Slough 22381

**ASPRO**  
REG. TRADE MARK

JKL

*We Offer*

**ALEXANDRIAN SENNA  
SIFTINGS**

**TINNEVELLY SENNA PODS  
HAND-PICKED**

*Wholesalers only*

**JOHN KELLYS (LONDON) LTD.**

27 OLD BROAD ST., E.C.2 KEL. 6186/9 (4 lines)

Telegrams: "Ergotine, Stock, London."

## NATIONAL WAR FORMULARY

An Announcement of Importance to Wholesale  
Druggists and Manufacturing Chemists

PATTINSON'S Regd. Brand

**MAGNESIUM TRISILICATE B.P.**

This high-grade product conforms to the requirements of the recent Addendum to the British Pharmacopoeia. Write for special bulletin and sample.

*Sole Manufacturers:*

**WASHINGTON CHEMICAL COMPANY**

(Branch of Turner & Newall Ltd.)

WASHINGTON STATION, CO. DURHAM, England

Dr. White's



*Manufactured only by*

**J. F. WHITE & CO., LTD.**

Lovington Laboratory, Benson St., Leeds, 7

# Kamillosan

THE GENTLE YET POTENT ANTISEPTIC FOR INTERNAL AND EXTERNAL USE

## NOW BACKED BY POWERFUL NATIONAL ADVERTISING

### THE ORIGINAL ACTIVATED CAMOMILE EXTRACT IN AN IMPROVED BRITISH FORM

KAMILLOSAN, now backed by powerful National Advertising, is a sure winner. Ready and quick sales are assured for this gentle yet potent antiseptic, for KAMILLOSAN is a rapid healer pleasant to use at all times in both Liquid and Ointment forms. KAMILLOSAN is attractively packed and displayed. Anticipate the demand for this activated, chemically-stable preparation of Camomile. If you are not already stocked up write today to the Camden Chemical Co., Northington House, Northington Street, W.C.1, or telephone HOLborn 7524 and 1318—and cash in on the generous bonus offer outlined below.



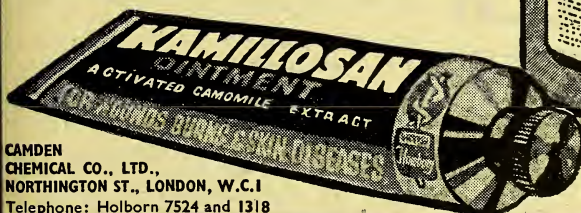
### BONUS OFFER

No. 1 (14 to the dozen)		Cost	Sells for
3 doz. LIQUID (50 c.c.) ..	..	£3 7 6	£5 5 0
3 doz. LIQUID (100 c.c.) ..	..	£5 14 9	£8 18 6
3 doz. OINTMENT ..	..	£2 0 6	£3 3 0
		£11 2 9	£17 6 6

No. 2 (13 to the Dozen)		Cost	Sells for
1 doz. LIQUID (50 c.c.) ..	..	£1 5 6	£1 12 6
1 doz. LIQUID (100 c.c.) ..	..	£1 18 3	£2 15 3
1 doz. OINTMENT ..	..	13 6	19 6
		£3 17 3	£5 7 3

The above prices do not include Purchase Tax.



RETAIL PRICES (inc. Tax)  
LIQUID: (50 c.c.) 2/10  
(100 c.c.) 4/9  
OINTMENT: 1/8

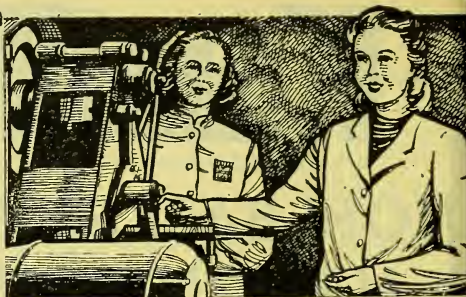
CAMDEN  
CHEMICAL CO., LTD.,  
NORTHINGTON ST., LONDON, W.C.1  
Telephone: Holborn 7524 and 1318

A BRITISH *Homburg* PHARMACEUTICAL PREPARATION



# WAR WORKERS ARE RELYING ON VIRONITA

All types of war workers are today relying upon Vironita for extra energy, strong nerves and sound sleep. Keep up your stocks of



# VIRONITA

TONIC & RESTORATIVE

M. Calthorpe & Co., 29 East Parade, Leeds, 1



## THE FIRM ATTACHMENT



of the public  
for  
more  
than  
half a  
century  
to

# BOX'S PILLS

Keep your Public reminded that you sell Box's Pills. Give them a good show. Display stands free.

has made them a star to which the retail chemist is glad to hitch his wagon. They have always sold well, and in these difficult days when normal diet is disturbed and digestion upset they sell better than ever.

P.A.T.A. RETAIL PRICES: 1/3, 3/-, 4/10½  
12/- and 21/9 (including Purchase Tax)

Postage extra.

W. H. BOX, 161 KING STREET, PLYMOUTH

**DRIED YEAST**

**YEAST TABLETS**  
IN BOTTLE OR BULK

**DRY MALT  
EXTRACT**

Produced from the celebrated 'D.C.L.' pure culture Yeast Obtainable in the following grades:

1. For Fermentation or Baking purposes.
2. For Medicinal use in ground & powdered form.
  - 1. Live or Fermenting.
  - 2. Silent or Non-fermenting
  - A kindred product of the world-renowned 'D.C.L.' Malt Extract

Samples and prices from:

**THE DISTILLERS CO. LTD.** 12 Torphichen St. EDINBURGH

or from  
**THE UNITED YEAST CO. LTD.** LONDON • BRISTOL  
LEEDS • BIRMINGHAM • MANCHESTER • NEWCASTLE

Living Profit Guaranteed 46 Years on the P.A.T.A.  
Awarded Certificate of Merit at the Tasmanian  
Exhibition, 1891

**KEARSLEY'S** (150 Years' Reputation)  
**WIDOW WELCH'S Original  
FEMALE PILLS**

10d. **BOX PROFIT** by ordering 1 dozen 2/10 size.  
Bonus box given on every dozen (13). It pays to  
push this size.

N.B.—These Pills do not contain any deleterious  
or prohibitive drugs, and can be sold with safety.

**C. & G. KEARSLEY, LTD.**

71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.23  
Established 1787 In the Reign of King George III

## ANNOUNCEMENT

by **ALFRED BISHOP LIMITED**

Owing to the greatly increased cost of all raw materials, commodities and services, we regret that we are now compelled to increase the prices of the majority of our preparations now in manufacture. For the guidance of our friends we detail below the full scale of prices, both wholesale and retail, of the preparations we are now able to supply. These prices will apply to all goods despatched on and after 1st June, 1942.

		Standard Wholesale Price	Purchase Tax per dozen	Retail Price Including Tax
Antiseptic Denture Cleanser		10/6 doz.	3/6	1/7
Caffeine and Caffeine Citrate	Small	17/-	2/10	2/1
	Medium	26/-	3/6	3/-
	Large	39/-	6/6	4/7
Caffeine Hydrobromate	..	26/-	4/-	3/1
Lithia Citrate	.. ..	17/-	2/10	2/1
	Small	27/-	4/6	3/2½
	Medium	39/-	6/6	4/8
	Large	28/-	4/8	3/3
Livura	.. ..	14/-	2/4	1/8½
Magnesia Citrate	.. ..	26/-	4/4	3/2
	¼ lb.	16/-	2/8	2/1
	½ lb.	26/-	4/4	3/2
	1 lb.	45/-	7/6	6/1½
Phenacetin and Caffeine	.. Small	18/-	3/-	2/1
	Large	30/-	5/-	3/7
Piperazine, 2½ grs.	..	23/-	3/10	3/2
Piperazine, 5 grs., and	..	33/-	5/6	4/-
Piperazine Citrate, 6 grs.	{ Small	55/-	9/2	7/-
Potash Citrate	.. ..	18/-	3/-	2/1
	Large	32/-	5/4	3/9½
Soda Phosphate and	{ Small	18/-	3/-	2/1
Soda Sulphate	Large	32/-	5/4	3/9½
Yamba	.. ..	32/-	5/4	3/9
Carlsbad Salts	.. ..			
Kissingen Salts	.. ..			
Vichy Salts	.. ..			
Natural Fruit Saline	..	4 oz.	10/-	1/6
	..	8 oz.	19/-	3/-
Varalettes for Gout	..	36's	29/-	5/-
" for Gout	..	90's	66/-	11/-
" Kissingen	..	50's	16/-	2/8
" Vichy	..	150's	33/-	5/6
" Contrexeville	..	500's	95/-	15/10

Above prices are strictly net, monthly account, carriage paid on £2 lots. All other preparations and sizes, quantity scales of prices and bonuses are withdrawn.

Whilst every endeavour is being made to execute all orders as rapidly as possible, delay in despatch is unavoidable, due to our greatly reduced manufacturing capacity. To lessen the delay our friends are asked to indent for minimum requirements and so enable us to distribute available supplies as evenly and fairly as possible.



## N A T U R A L V I T A M I N C

**RIBENA**

(BLACKCURRANT SYRUP)

*Still available on Medical Prescription*

The heavy demands by the Government for home-produced supplies of natural vitamin C for young children have inevitably reduced the amount of Ribena Blackcurrant Syrup available for the general public.

In view of the unanimity of medical opinion as to the primary importance of vitamin C to National health,

Ribena will continue to be available on medical prescription. The vitamin C content averages 24 mgs. per fluid ounce, approximately twice the amount in fresh orange juice. Ribena is matured before sale and in consequence the cane sugar naturally inverts to the more digestible Glucose and Fructose.

One Size Only: 13 oz. bottle, 2/3

CARTERS ARE ALSO APPROVED MANUFACTURERS  
OF NATIONAL ROSE HIP SYRUP

H. W. CARTER & CO. LTD., THE OLD REFINERY, BRISTOL, 2.  
ESTABLISHED OVER 100 YEARS

**CARTERS for VITAMIN FRUIT SYRUPS**

**IMPORTANT****The Pharmacy & Medicines Act, 1941**

In conformity with the above Act, all our proprietaries will, on and after July 1st next, bear the necessary particulars, for the sake of economy, by means of adhesive labels, until such time as stock of containers and other printing is exhausted.

Let us know before June 15th exactly how many of each size 1/3, 3/4, 11/- you hold in stock of our lines and we will send labels to cover same, but we can only do so once, so please be sure your count is correct.

**International Chemical  
Research Association Ltd.**

69 FLEET STREET, LONDON, E.C.4

**ASTHMA**  
*sufferers are always  
grateful if you  
recommend —*

**D<sup>R</sup> SINGHA**  
**ASTHMA TABLETS**

The Original and still the Best Remedy for  
ASTHMA, BRONCHIAL ASTHMA  
AND BREATHING DIFFICULTIES  
P.A.T.A. Terms from all Wholesale Houses  
Prices: 1/8½, 5/7½, 13/5  
(Exclusive of Purchase Tax)  
**THE DR. SINGHA CO., LTD.**  
Caernarvon, North Wales

# INTERNATIONAL CHEM. CO. LD.

WE regret that, owing to the increasing difficulty of transport, labour and packing materials, we can now only supply our main well-known pharmaceuticals in the standardised parcels below. At the same time we are also compelled to make £5 the minimum direct order that we can accept for the time being. This amount can be made up with "A" parcel alone or any two of the other combinations. We feel sure that we can count on the co-operation of our chemist friends in accepting this regrettable war-time necessity.

## STANDARD PARCELS

<b>A</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	2 " 1/5 " Tablets . . .	4 0
	2 " 7d. " " . . .	9 8
	1 " 2/10 " " . . .	4 0
	1 " 1/9 Pineate Honey Cough-Syrup . . .	13 9
	1 " 2/3 Limestone Phosphate . . .	18 0
	1 " 1/5 Freezone Corn Remover . . .	11 3
	<b>£5 12 8</b>	

<b>B</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	1 " 1/5 " Tablets . . .	12 0
	3 " 7d. " " . . .	14 6
	1/2 " 2/10 " " . . .	12 0
	<b>50 6</b>	

<b>C</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	2 " 1/5 " Tablets . . .	24 0
	3 " 7d. " " . . .	14 6
	<b>50 6</b>	

<b>D</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	2 " 1/5 " Tablets . . .	24 0
	1 " 2/10 " " . . .	24 0
	<b>60 0</b>	

<b>E</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	1/2 " 2/10 " " . . .	12 0
	2 " 1/5 " Tablets . . .	24 0
	1/2 " 2/10 " " . . .	12 0
	<b>60 0</b>	

<b>F</b>	2 doz. 1/5 Bismag Tablets . . .	24 0
	3 " 7d. " " . . .	14 6
	1/2 " 2/10 " " . . .	12 0
	<b>50 6</b>	

<b>H</b>	4 doz. 1/9 Pineate Honey Cough-Syrup . . . . .	<b>55 0</b>
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<b>J</b>	2 doz. 1/5 Freezone Corn Remover . . .	22 6
	1 " 2/3 Limestone Phosphate . . .	18 0
	1 " 1/9 Pineate Honey Cough-Syrup . . . . .	13 9
	<b>54 3</b>	

<b>K</b>	3 doz. 1/9 Pineate Honey Cough-Syrup . . . . .	41 3
	1 " 1/5 Freezone Corn Remover . . .	11 3
	<b>52 6</b>	

<b>L</b>	1 doz. 1/5 Bismag Powder . . .	12 0
	1/2 " 2/10 " " . . .	12 0
	1 " 1/5 " Tablets . . .	12 0
	2 " 7d. " " . . .	9 8
	1/2 " 2/10 " " . . .	12 0
	<b>57 8</b>	

<b>M</b>	6 doz. 1/5 Freezone Corn Remover . . .	<b>67 6</b>
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Above Consumer prices include Purchase Tax; 16 2/3 % Purchase Tax to be added to List Prices.  
BONUS: Bisurated Magnesia parcels will contain bonus in Mint Powder and 7d. Tablets.

TERMS: As well as "A" Parcel or any two of the Parcels "B" to "M" a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin, may be added to the order. Toilet lines may also be included to the value of your quota. Our co-operation allowances are:— On orders of £5 . . . . 7 1/2 % £10 . . . . 10 %

WE REGRET THAT WE CANNOT OPEN NEW ACCOUNTS AT PRESENT

## BRAYDON ROAD LONDON N16



# AVOLEUM

Trade Mark

*For the treatment of Gastric Ulcer*

The greatly increased demand for Avoleum (liquid) for the treatment of gastric ulcer has imposed a severe strain upon the equitable distribution of the limited supplies which are at present available.

Pharmacists are asked, therefore, when ordering Avoleum (liquid) to submit an assurance that it is required exclusively for dispensing actual prescriptions from medical practitioners, and that it is not required for stock or for counter sales.

THE BRITISH DRUG HOUSES LTD. LONDON N.1



Sulis Is a British Natural Mineral Water comparable both in mineral content and palate appeal to the German and French waters which are now practically unobtainable.

This water is taken direct from the Springs at Bath, Britain's Premier Spa, and sold in still or aerated form.

## SULIS

THE BRITISH MINERAL WATER

Prices, discounts and full particulars from:  
CATER, STOFFELL & FORTT, LTD., The Springs, BATH

*English  
Filter*

**POSTLIP**  
*Papers*

SQUARES  
CIRCLES  
FOLDED  
ROLLS

WHITE  
GREY  
PLAIN  
ANTIQUE  
EMBOSSED  
CRINKLED

SAMPLES  
FREE



Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers

*Evans, Adlard & Co Ltd*

Postlip Mills, Winchcombe, Cheltenham

# 8 POINTS

TO REMEMBER ABOUT



# M.O.F

(MIDLOTHIAN OAT FOOD)

- 1 M.O.F. is produced by the proprietors of Scott's Porage Oats, in their Mill at Colinton, Edinburgh.
- 2 M.O.F. is strongly recommended for expectant and nursing mothers, babies and invalids.
- 3 The certificate of the Royal Institute of Public Health and Hygiene has been awarded to M.O.F.
- 4 There is no shortage of M.O.F. and regular supplies are available.
- 5 Please don't order more than your reasonable needs, so that regularity may be maintained.
- 6 IN JULY WE ARE LAUNCHING A STRONG ADVERTISING CAMPAIGN, WHICH WILL APPEAR REGULARLY IN A SELECTED LIST OF WOMEN'S MAGAZINES, HAVING A TOTAL CIRCULATION PER ISSUE OF 2,804,517 COPIES.
- 7 Make sure you have a small stock to meet this new profit-making business.
- 8 Your wholesaler knows all about M.O.F., but should you experience difficulty in obtaining supplies, please do not hesitate to write to us.

## A & R SCOTT LIMITED

VEST MILLS, COLINTON, MIDLOTHIAN



Retail  
Price

1/9

per 1-lb. tin



# Announcement to

## Rexall

### CHEMISTS

Owing to petrol and tyre restrictions, our representatives will be unable to call personally on as many Rexall Agencies as usual from now onwards. We regret the loss of these personal contacts and advise all Agents to send their orders direct, as in fact is almost the universal practice under present conditions. Business is good . . . supplies of many items are difficult . . . we say goodbye to some lines "for the duration" and welcome others to assist you in maintaining and probably increasing your turnover. Our executives are giving their whole attention these days to the all-important question of supplies . . . high-pressure salesmanship is no longer necessary.

**M. L. DANIELS**

**UNITED DRUG COMPANY LTD.  
NOTTINGHAM**

# Immediate relief for run-down turnover.



All over the country Propax is busy building up a bigger demand. It's a safe selling line for these uncertain times. Men and women are finding it a big help in wartime jobs where there's no easing off because of aches and pains. Propax deals with the situation simply and swiftly (kills the pain first, then helps the system to get rid of the poison that cause it). Commend Propax to your own customers—it pays and *keeps on* paying.

Following a large scale sampling scheme Propax are now advertised throughout the country in national magazines and provincial newspapers.

## PROPAX TRADE TERMS

Wholesale 11/3 & 19/3 per doz. Retail 1/5 & 2/6.  
(both sizes packed in 1 dozens) (Inc. Pur. Tax)

**Sole Distributors:**

**SPLENDOR LTD., 5, Beastmarket Hill,  
Nottingham, & 7c, Lower Belgrave St., S.W.1**

# INSULIN 'A.B.'

BRAND

## REVISED PRICES

Owing to the increase in the cost of manufacture we regret the prices of Insulin 'A.B.' Brand will be advanced from the 29th May, 1942, as follows:—

### INSULIN 'A.B.' Brand

		Chemists	Retail
20 units per c.c.	5 c.c. (100 units)	20/- per doz. net.	2/2 each
	10 c.c. (200 " )	35/6 " "	3/10 "
	25 c.c. (500 " )	86/6 " "	9/4 "
40 " "	5 c.c. (200 " )	35/6 " "	3/10 "
	10 c.c. (400 " )	66/6 " "	7/2 "
80 " "	5 c.c. (400 " )	66/6 " "	7/2 "

### 'H-A-B.' INSULIN

		Chemists	Retail
20 units per c.c.	5 c.c. (100 units)	14/9 per doz. net.	1/7 each
	10 c.c. (200 " )	25/- " "	2/8 "
	25 c.c. (500 " )	56/6 " "	6/- "
40 " "	5 c.c. (200 " )	25/- " "	2/8 "
	10 c.c. (400 " )	45/6 " "	4/10 "
80 " "	5 c.c. (400 " )	45/6 " "	4/10 "
	10 c.c. (800 " )	86/6 " "	9/2 "

### 'A.B.' BRAND INSULIN—P.Z.

		Chemists	Retail
40 units per c.c.	5 c.c. (200 units)	29/6 per doz. net.	3/2 each
	10 c.c. (400 " )	54/6 " "	5/10 "
80 " "	5 c.c. (400 " )	54/6 " "	5/10 "

---

ALLEN & HANBURY'S LTD.  
AND  
THE BRITISH DRUG HOUSES LTD.  
LONDON



# "OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

## OXO LABORATORY PREPARATIONS

### HORMONES

#### OESTRIN

Indications: Menopause; Menstrual Irregularities; Uterine Inertia; Amenorrhœa; Pruritis Vulvæ; Suppression of Lactation.

Tablets: 1000 I.U. Ampoules: 1000-50000 I.B.U.

#### STILBOESTROL

Indications: As for Oestrin.

A highly potent œstrogenous substance for oral administration.

Tablets: 0.5 mg., 1.0 mg. and 5.0 mg.  
Ampoules: 1.0 mg. and 5.0 mg.

#### "PITOXYLIN" PITUITARY EXTRACT (P.L.)

Licensed and standardised in accordance with the Therapeutic Substances Act. For the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

Ampoules: 5, 10 and 20 I.U.

#### ADRENALIN

Useful for the treatment of Asthma; Epistaxis; Tonsillitis; Hay Fever; Influenzal Crisis; Surgical Shock; etc.

Solution: 1 in 100 and 1 in 1000. Ampoules: 1 in 1000.

*Literature supplied on application*

OXO LIMITED, Thames House, London. E.C.4

OXO LABORATORY PREPARATIONS

# —ENO'S— 'FRUIT SALT'

## INCREASE IN PRICES

Owing to increased costs of production we have at last been reluctantly compelled to increase our prices in Great Britain and Northern Ireland, and *from JUNE 1st* the new Retail Selling Prices will be—

**HANDY SIZE 2/- per bottle**

**HOUSEHOLD SIZE**

**3/6 per bottle**

(Inclusive of Purchase Tax)

Trade Prices are as follows:

**HANDY SIZE**

**17/3 per dozen**

**HOUSEHOLD SIZE**

**30/- per dozen**

(Subject to the usual Discounts)

The revised Prices and Terms have been arranged and approved in accordance with the Prices of Goods Act.

Selling Agents

**VENO DRUG COMPANY LIMITED**

Manufacturing Chemists

**MANCHESTER 16**



# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MAY 30  
1942

28 ESSEX STREET, LONDON, W.C.2

## CLASSIFIED SUPPLEMENT ADVERTISEMENTS

All classified advertisements must be prepaid—those not accompanied by remittance will be held over pending payment. Advertisements received after **FIRST POST WEDNESDAY** of week of issue will not be inserted until the following week.

### THIS IS THE TARIFF

**AGENCIES, PATENTS, GOODS FOR SALE, PARTNERSHIPS, PREMISES TO LET, FOR SALE or WANTED**

7/6 for 36 words or less, 2d. for every additional word.

**MISCELLANEOUS SECTION** (for Wholesalers, etc.), for odd and second-hand lots—12/6 for 60 words or less, 1/- for every additional 10 words or less.

**SITUATIONS WANTED**—2/6 for 18 words or less, 1d. for every additional word.

**EXCHANGE COLUMN** (for Retailers, etc.)—2d. per word, minimum 3/-.

Box Office Numbers 1/- extra.

Postal deliveries are uncertain so send your instructions as early as possible to **THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH**, or to London Office, 28 Essex Street, Strand, London, W.C.2

**LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS**

1/9 per nonpareil line. (12 lines = 1 inch, single column.)

**BUSINESSES for DISPOSAL**

**BUSINESSES WANTED**

**SITUATIONS OPEN**

7/6 for 40 words or less, 2d. for every additional word.

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5 lb. FACE POWDER, 20/6, tax 13/8, all.

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Talc, Super White, 200-lb. bag, 60/-; Zinc Oxide, B.P., 56 lb., 27/6; Stearate, cwt. 2/3 lb.; Gum Trag. Pulv., B.P., 28 lb., 7/6, 9/9, 13/9, 18/3, 21/9, 26/9 lb.; Stearine Powder, cwt. 2/3 lb.; Block, cwt. 2/3 lb.; Spermaceti, Opt. White, 60-lb. box, 2/3 lb.; Kaolin, B.P. Opt., cwt. 25/-; Liquid Soap or Shampoo, 5-gall. Drum, 40/- ea. (Tax Paid); H.P. Alex Senna Pods, 10-lb. bag, 5/6 lb.; C.W.O. Also Gumkaraya Pulv.; Waxes, all Kinds; French Chalks; Cret. Praecip.; Menthol; Oils; Soap Powder and Bar; Gum Acacia Opt. Cwt. Prices on application. Any want quoted.

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## SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word

None of the advertisements below relates to a woman between 19 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

### (RETAIL HOME)

**CARDIFF.** Qualified Assistant required, male or female. No Sunday or half-day duties. Reply giving particulars and experience to R. W. Duck & Son, Ltd., St. John's Square, Cardiff.

## City of Leicester Education Committee

LEICESTER COLLEGE OF TECHNOLOGY  
AND COMMERCE  
THE NEWARKE

(Principal: L. W. KERSHAW, B.Sc., A.M.Inst.C.E.  
F.G.S.)

Applications are invited for the post of LECTURER IN PHARMACEUTICAL SUBJECTS. Applicants must possess the Diploma of Pharmaceutical Chemist and preferably be also Graduates in Pharmacy. The post offers facilities for research or study for a higher degree.

Salary in accordance with the Burnham Scale. Applications, by letter, together with the names of three persons to whom reference may be made as to ability and experience, should be sent to the Principal not later than the 13th June, 1942. Further particulars may be obtained upon application to the Principal.

H. S. MAGNAY,  
Director of Education.

Education Office,  
Newarke Street,  
Leicester.

May 16, 1942.

**EXPERIENCED** Woman required to take charge of Drug Store in Slough, Bucks. Must be able to dress windows and be capable store keeper. 404/79 London Office of this Paper.

**MANAGER** wanted for small Medical Store, safe provincial area. Good wage and comm., approx £ Knowledge of trusses an advantage. Would consider partly disabled man. References and full particulars to 404/794, London Office of this Paper.

**MANAGER** wanted for high class Pharmacy with large photographic connection. Staff of twelve. Good salary for capable man. Arthur Enock, Ltd. 201 Linthorpe Road, Middlesbrough.

**PENDLETON** Co-operative Industrial Society, Salford, require the services of a qualified Pharmacist, exempt, either sex, for duration. Apply with full particulars, salary, etc., to the Manager Drug Warehouse, Cobden Street, Salford, 6.

**PERMANENCIES.** Brightside & Carbrook Co-operative Society, Ltd., 10a Ridgeway Road, Sheffield, invite applications from qualified Chemists as Branch Managers. Male or female. No holiday duties. Superannuation Scheme. Trade Union conditions. State details of age, wage and experience.

**PHARMACY.** Experienced qualified and unqualified Assistants required to replace employees who have been called to H.M. Forces. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

**QUALIFIED** Manager wanted for very old established Business in Eastern Counties, man or woman. Partnership or succession to suitable applicant 404/791, London Office of this Paper.

**QUALIFIED** Assistant wanted immediately exempt from military duty. Short hours. No Sunday duty. Saturday afternoons 1 o'clock. Good salary to suitable applicant. City Pharmacy. Write 404/791, London Office of this Paper.

**SOUTH OF ENGLAND.** Following the calling up of managers for H.M. Forces, we invite application from qualified men and women for managerial vacancies now becoming vacant at Camborne, Eastbourne, Portsmouth, Bexhill, Dartford, Paignton, Weymouth, Isle of Wight, etc. Progressive salaries and commission. Full particulars to Retail Drug Department, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

**W**ANTED unqualified Assistant (male or female) for quick Counter trade. Good salary offered. Pyke, Chemist, North Road, Preston.

### LOCUMS WANTED

**L**OCUM (Lady) qualified, required from 1st June to 13th June inclusive, and for two weeks August or September. Live in. Alternative date considered. Apply Secretary-Superintendent, East Ham Memorial Hospital, Shrewsbury Road, E.7.

**Q**UALIFIED Pharmacists required. Male or female, as locums, for branches. State salary required and when available, to the Brightside & Carbrook Co-operative Society, Ltd., 10a Ridgeway Road, Sheffield, 2.

**Q**UALIFIED Locum required for fortnight, last week in July and first week in August. Give references and full details. Horne, 16 High Street, Swanley, Kent.

### WHOLESALE

**A**SSISTANT Chemist (lady) required for analytical laboratory of well-known firm manufacturing pharmaceutical and similar preparations. Ph.C. or equivalent qualification desirable. 404/795, London Office of this Paper.

**W**HOLESALE Manufacturing. Unqualified Assistant, non-liable, offered post in granulating department. Full particulars to W. B. Cartwright, Ltd., Sawdon, Leeds.

### SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

None of the advertisements below relates to a woman between 16 and 40 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual efforts.

### RETAIL (HOME)

**M**ANAGER, qualified, reliable, excellent references, free shortly; accommodation desired; S. West, West or Hereford areas preferred. Pharmacist, Founes Road, Minehead.

**M**R. LLOYD, M.P.S., recommends his part-time Hall Dispenser (35) for morning and evening dispensary work (doctor, hospital, etc.). Well experienced in dispensing and book-keeping; continued availability for present pharmaceutical post essential (i.e. 1.30-4.30). 448 Kingsland Road, London, E.8.

**Q**UALIFIED, male, wide dispensing experience, requires part-time situation, London area. Free one evening weekly and two Sundays in three. DB/1059, London Office of this Paper.

### WHOLESALE

**A** FIRST-CLASS Representative covering Lancashire, part Yorkshire and North Wales, seeks additional agency. Live connexion built by 20 years' salesmanship. Pharmaceutically trained. 404/790, London Office of this Paper.

**E**XPERIENCED Representative, first-class connexion South Wales and West of England, requires additional reputable agency, on commission basis. 404/789, London Office of this Paper.

**Y**OUNG Man, 9 years' Pharmacy experience, good connexions and bank references, would represent well-known firm in Northern Ireland. 403/780, London Office of this Paper.

## APPOINTMENTS

### Surrey County Council

#### PUBLIC HEALTH DEPARTMENT

PHARMACIST required at:—

(1) EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Male applicants for the post may only be appointed for the duration of the war in the first instance.

(2) FARNHAM COUNTY HOSPITAL, Hale Road, Farnham.

The position is temporary for the duration of the war.

Candidates must hold M.P.S. or Ph.C. qualifications and have a wide dispensing experience.

Salary—£250 × £10—£300 p.a. plus war bonus.

ASSISTANT PHARMACIST (Temporary) for duration of the war, required at:—

(1) REDHILL COUNTY HOSPITAL, Earlswood Common, Redhill.

(2) ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton.

Candidates must hold M.P.S. or Ph.C. qualifications and women applicants for these appointments must be over 31 years of age.

Salary—£225 × £10—£275 p.a. plus war bonus.

Applications to the Medical Superintendents.

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12/6 for 60 words or less, 1/- each additional 10 words or less

**B**EST Bids for 5/6 cwt. Pot. Nitrate Gran and Tablets; cwt. drum Oil Rosemary (Spanish); 7 × 7 lb. Clove Oil; 2 cwt. Aluminium Stearate; 200 lb. Ol Anisi Opt.; 4 lb. Quin Sulph. B.P.; 2 oz. Santonin B.P.; 2 lb. tin Ferri et Quin Citr. (M. & B.); 25 lb. Ol Menth Pip (Wayne); 5 lb. Anesic Aldehyde (Schimmel); 7 lb. Terpinyl Acetate; To Henshaw, M.P.S., Wyke Regis, Dorset.

**B**OTTLES: 1 oz., oval ribbed one side, with metal screw cap, 2s. 3d. doz.; 1 drachm tall fancy perfume bottle with cork mouth, cork supplied, 1s. 2d. doz.; 2 oz. clear glass tube with slip-on gold lacquered metal cap, suitable for cream, 3s. doz. Cash with order, carriage forward. H. S. Bottle Co., 29 Sherwood Hall, East End Road, London, N.2.

**L**IQUORICE Root, mixed lengths, 1s. 9d. lb. Original bags of 120 or 140 lb. at 1s. 6d. All cash with order. Minimum carriage paid lot 8 lbs. for 14s. Shelley, Caldmore, Walsall.

**1** CWT. AIRTIGHT TINS IN CASES. Used only once for packing Milk Powder. Fully seamed tin with circular press-in lid, all free from rust. Strong cases slightly soiled externally. Apply CDB/913, London Office of this Paper.

**S**OFT Soap, amber, odourless, made with best vegetable oils, 50s. cwt.; 26s. ½ cwt. Free iron drums, cash with order; immediate delivery. No samples sent out. Shortage labour, packing materials. Ambrose, 7 Denmark Road, Reading, Berks.

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**BAKELITE**, Beetle or any other moulded caps required—all sizes—suitable for Perfumes, Lotions, Medicals, Jars, etc. Telephone: TIDeway 2694.

**HOUSEHOLD** and Carbolie Soap up to one ton lots. Bryden, M.P.S., Michaelson Road, Barrow-in-Furness.

**LACTOSE B.P. WHITE** wanted in quantities of 56 lbs. upward for (a) Cash; or (b) Part Cash payment and F/S Sacch. Tab. Replies to M.P.S., 38/40 Church Street, Radcliffe, Lanes.

**MANUFACTURING** Chemist urgently requires Granulating Machine, 28 lbs. to 1 cwt. capacity. Send full particulars, 403/774, London Office of this Paper.

**OILS** or Fats and Glycerine, also Block Stearine wanted. Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

**REGULAR** supplies of Liquid Soap required in any size drums, small or large. Please communicate with Aristol Products, 398 Beverley Road, Hull.

**REQUIRED.** Residuary, waste and by-products or unrequired stock, if difficult to dispose of. Send details. 403/767, London Office of this Paper.

**SACCHARIN** tablets required, any quantity. Robert Davies, Bromyard.

**WANTED** by England's largest photographic dealers, All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

**WANTED** by Wholesale firm, Job lots of Glass Jar Medical and Perfume Bottles, samples to : Lewisham Road, London, S.E.13.

**WANTED** Caffeine Alkaloid, 5 lb. and upward state price and quantity. 404/786, London Office of this Paper.

**WANTED.** Second-hand Tablet Filling Machine. Please give full particulars. 404/797, London Office of this Paper.

**FOR SALE (Retailers' Surplus)***7/6 for 36 words or less, 2d. for every additional word.*

**FOR** Sale: Small Power Tablet Machine. Single Punch. 404/796, London Office of this Paper.

**BUSINESS WANTED***7/6 for 40 words or less, 2d. for every additional word.*

**BUSINESSES** wanted throughout the country Turnover about £2,000 and over. Vendor can be manager. Please state price and turnover. Enclose copy of balance sheet together with stamped addressed envelope for reply. No agents. Write strict confidence to Harland, London House, London, E.C.3.

**BUSINESS FOR DISPOSAL***7/6 for 40 words or less, 2d. for every additional word.*

**FOR** Sale. Ipswich—Old-established profitable homeopathic Chemist's business in consequence of death, with stock-in-trade. Centre of Town. Block & Cullingham, Arcade Chambers, Ipswich.

If you manufacture your own packed goods, the first essential is a reliable recipe book of tried and tested formulas. The best book for this purpose—comprehensive—practical—and indeed the most complete work of its kind in any language is

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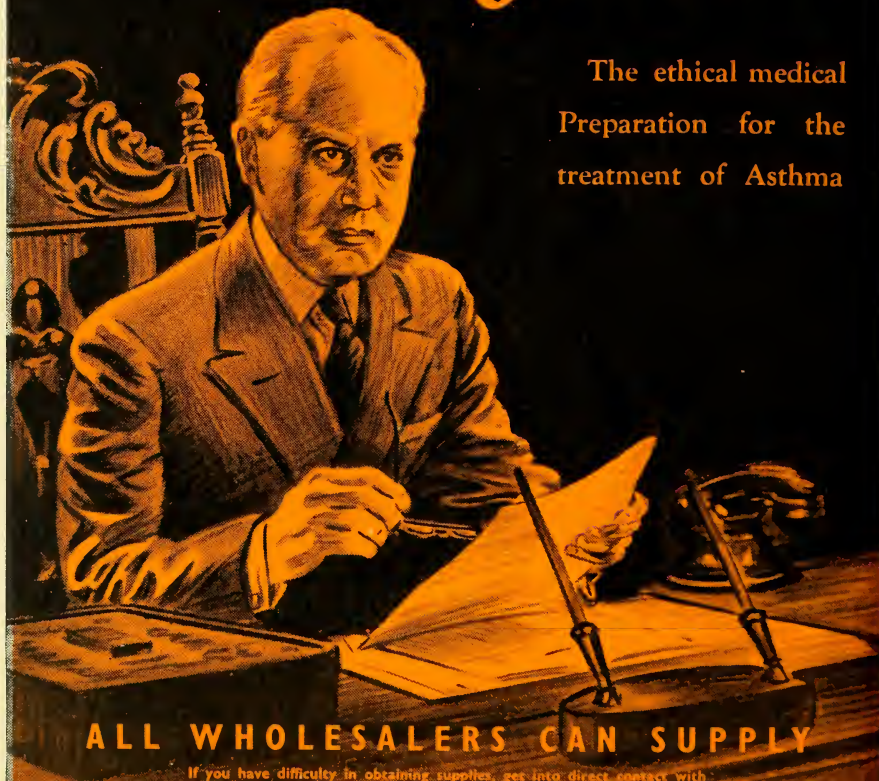
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